

SERVICE MANUAL

AE-5A CHASSIS

MODEL	COMMANDER	DEST	CHASSIS NO.	MODEL	COMMANDER	DEST	CHASSIS NO.
KV-28FQ75A	RM-893	ET	SCC-Q45B-A	KV-32FQ75A	RM-893	ET	SCC-Q45C-A
KV-28FQ75B	RM-893	FR	SCC-Q44B-A	KV-32FQ75B	RM-893	FR	SCC-Q44C-A
KV-28FQ75D	RM-893	AEP	SCC-Q41E-A	KV-32FQ75D	RM-893	AEP	SCC-Q41F-A
KV-28FQ75E	RM-893	ESP	SCC-Q43C-A	KV-32FQ75E	RM-893	ESP	SCC-Q43B-A
KV-28FQ75U	I RM-893	UK	SCC-Q46B-A	KV-32FQ75U	RM-893	UK	SCC-Q46A-A

FD Trinitron





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CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR THE CARBON PAINTED ON THE CRT, AFTER REMOVAL OF THE ANODE CAP.

WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS, THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARKED \triangle ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION

APRES AVOIR DECONNECTE LE CAP DE'LANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

ATTENTION !!

AFIN D'EVITER TOUT RISQUE D'ELECTROCUTION PROVENANT D'UN CHÁSSIS SOUS TENTION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÈ LORS DE TOUT DÈPANNAGE LE CHÁSSIS DE CE RÈCEPTEUR EST DIRECTMENT RACCORDÈ Á L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS Á LA SECURITÈ!!

LES COMPOSANTS IDENTIFIÈS PAR UNE TRAME ET PAR UNE MARQUE & SUR LES SCHÈMAS DE PRINCIPE, LES VUES EXPLOSÈES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÈCURITÈ DU FONCTIONNEMENT, NE LES REMPLACER QUE PAR DES COMPSANTS SONY DONT LE NUMÈRO DE PIÈCE EST INDIQUÈ DANS LE PRÈSENT MANUEL OU DANS DES SUPPLÈMENTS PUBLIÈS PAR SONY.

ITEM MODEL	Television System	Stereo System	Channel Coverage	Color System
Italian	B/G/H, D/K	GERMAN Stereo	B/G/H VHF : E2-E12 UHF : E21-E69 DK : R01-R12, R21-R69, S01-S05	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)
French	B/G/H, D/K,L,I	GERMAN/NICAM Stereo	B/G/H VHF : E2-E12 UHF : E21-E69 DK : R01-R12, R21-R69, S01-S05	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)
AEP	B/G/H, D/K	GERMAN Stereo	B/G/H VHF : E2-E12 UHF : E21-E69 DK : R01-R12, R21-R69, S01-S05	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)
Spanish	B/G/H, D/K	GERMAN /NICAM Stereo	B/G/H VHF : E2-E12 UHF : E21-E69 DK : R01-R12, R21-R69, S01-S05	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)
UK	I	NICAM Stereo	B/G/H VHF : E2-E12 UHF : E21-E69 DK : R01-R12, R21-R69, S01-S05	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)

Model	KV-28FQ75A	KV-28FQ75B	KV-28FQ75D	KV-28FQ75E	KV-28FQ75U
Power Consumption	128W	152W	152W	152W	152W
Model	KV-32FQ75A	KV-32FQ75B	KV-32FQ75D	KV-32FQ75E	KV-32FQ75U
Power Consumption	138W	160W	160W	160W	160W

	FD Trinitron Wide Approx 72 cm (28 inches)	Sound output	Right and Left speaker 2x20W (Music Power)
Picture Tube	(Approx 67cm picture measured diagonally)		2x10W (RMS)
Picture Tube	Approx 82 cm (32 inches) (Approx 77cm picture measured diagonally) 110 degree deflection	Subwoofer	1x30W (Music Power) 1x15W (RMS)
Input/Output Terminals [R	EAR]	Power Requirements	220 - 240V
1: 21-pin Euro connector	Inputs for Audio and Video signals. Inputs for RGB.	Dimensions	28" Approx 788x571x563mm
(CENELEC standard)	Outputs of TV Video and Audio signals.	Dimensions	32" Approx 886x620x592mm
2: 21-pin Euro connector	Inputs for Audio and Video signals. Inputs for S Video.	Moisht	28" Approx 46.0kg
z. 21-pin Euro connector	Outputs of TV Video and Audio signals. (selectable)	Weight	32" Approx 74.0kg
3: 21-pin Euro connector	Inputs for Audio and Video signals. Inputs for S Video. Outputs for Video and Audio signals (monitor out)	Supplied Accessories	RM-893 Remote Commander (1) IEC designated R6 battery (2)
RCA Connectors	Variable output for Audio Signals	Other Features	NexTView, Digital Comb Filter, Noise Reduction, DRC 100Hz Picture, DRC 50Hz Picture, Graphic Equaliser
Input/Output Terminals [F	RONT]	Remote control system	Infrared control
Headphone jack	stereo mini jack	Power requirements	3V dc 2 batteries IEC designation R6 (size AA)
Audio inputs	phono jacks	Dimensions	Approx 210x55x23mm (w/h/d)
Video inputs	phono jacks	Weight	Approx 110g (not including battery)
S Video input	4 pin DIN		
	Design and specifications are s	subject to change without n	notice.

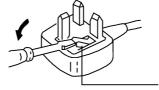
Model Name	KV-28FQ75A	KV-28FQ75B	KV-28FQ75D	KV-28FQ75E	KV-28FQ75U
item	KV-32FQ75A	KV-32FQ75B	KV-32FQ75D	KV-32FQ75E	KV-32FQ75U
Pal Comb	ON	ON	ON	ON	ON
PIP	OFF	OFF	OFF	OFF	OFF
RGB Priority	ON	ON	ON	ON	ON
Woofer Box	ON	ON	ON	ON	ON
Scart 1	ON	ON	ON	ON	ON
Scart 2	ON	ON	ON	ON	ON
Scart 3	ON	ON	ON	ON	ON
Front in (4)	ON	ON	ON	ON	ON
Projector	OFF	OFF	OFF	OFF	OFF
AKB in 16:9 mode	ON	ON	ON	ON	ON
Norm B/G	ON	ON	ON	ON	OFF
Norm I	OFF	ON	OFF	OFF	ON
Norm D/K	ON	ON	ON	ON	OFF
Norm AUS	OFF	OFF	OFF	OFF	OFF
Norm L	OFF	ON	OFF	OFF	OFF
Norm SAT	OFF	OFF	OFF	OFF	OFF
Norm M	OFF	OFF	OFF	OFF	OFF
Teletext	ON	ON	ON	ON	ON
Nicam Stereo	OFF	ON	OFF	ON	ON

WARNING (UK Models only)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **13 AMP** rating. Should the fuse need to be replaced, use a **13 AMP FUSE** approved by ASTA to **BS 1362**, ie one that carries the

IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR THE OUTLET SOCKETS IN YOUR HOME, IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET.

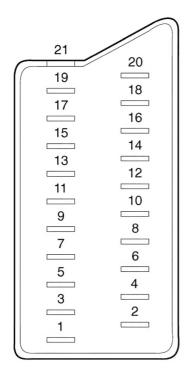
When an alternative type of plug is used, it should be fitted with a 13 AMP FUSE, otherwise the circuit should be protected by a 13 AMP FUSE at the distribution board.



How to replace the fuse. Open the fuse compartment with a screwdriver blade and replace the fuse.

FUSE

21 pin connector

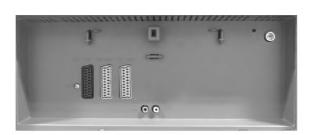


Pin No	1	2	4	Signal	Signal level
1	0	0	0	Audio output B (right)	Standard level : 0.5V rms Output impedence : Less than 1kohm*
2	0	0	0	Audio output B (right)	Standard level : 0.5V rms Output impedence : More than 10kohm*
3	0	0	0	Audio output A (left)	Standard level : 0.5V rms Output impedence : Less than 1kohm*
4	0	0	0	Ground (audio)	
5	0	0	0	Ground (blue)	
6	0	0	0	Audio input A (left)	Standard level : 0.5V rms Output impedence : More than 10kohm*
7	0	•	•	Blue input	0.7 +/- 3dB, 75 ohms positive
8	0	0	0	Function select (AV control)	High state (9.5-12V) : Part mode Low state (0-2V) : TV mode Input impedence : More than 10K ohms Input capacitance : Less than 2nF
9	0	0	0	Ground (green)	
10	0	0	0	Open	
11	0	•	•	Green	Green signal : 0.7 +/- 3dB, 75 ohms, positive
12	0	0	0	Open	
13	0	0	0	Ground (red)	
14	0	0	0	Ground (blanking)	
45	0	-	-	Red input	0.7 +/- 3dB, 75 ohms, positive
15	-	0	0	(S signal Chroma input)	0.3 +/- 3dB, 75 ohms, positive
16	0	•	•	Blanking input (Ys signal)	High state (1-3V) Low state (0-0.4V) Input impedence : 75 ohms
17	0	0	0	Ground (video output)	
18	0	0	0	Ground (video input)	
19	0	0	0	Video output	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
	0	-	-	Video input	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
20	-	0	0	Video input Y (S signal)	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)
21	0	0	0	Common ground (plug, shield)	

O Connected

Not Connected (open) * at 20Hz - 20kHz

Rear Connection Panel



120000	S Video	socket pin configuration
Pin No	Signal	Signal Level
1	Ground	-
2	Ground	-
3	Y (S signal) input	1V +/- 3dB 75ohm, positive Sync. 0.3V -3 +10dB
4	C (S signal) input	0.3V +/- 3dB 75ohm, positive Sync.



S-Video socket

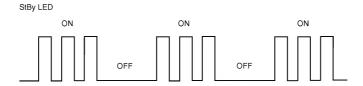
AE-5A SELF DIAGNOSTIC SOFTWARE

The identification of errors within the AE-5A chassis is triggered in one of two ways: -1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with a continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted) See table 1., non fatal errors are reported using this method.

Diagnostic Item Description	No of times Standby LED Flashes	Probable cause Location	Detected Symptoms
Power does not turn on	Does not light	Power cord is not plugged in. Fuse is open circuit.	Power does not come on No power is supplied to the TV AC power supply is faulty
+B Overcurrent (OCP)	2 times	H.OUT (Q6803/6804) is shorted. (D Board) Linearity FET (Q6806) is shorted. (D Board) IC6604 Power IC is shorted. (D Board)	Power does not come on Load on power line has shorted
Vertical Deflection stopped	4 times	+15V is not supplied R6835 open (D Board) -15V is not supplied R6834 open (D Board) IC6700 is shorted (D Board)	Vertical deflection pulse has stopped Power line has shorted

Error Message	LED Code
No error	00
Reserved	01
OCP (Over Current Protection)	02
OVP (Over Voltage Protection)	03
Vertical Protection	04
Unstable AKB (check starts after 30's, enable TT61 disable TT62)	05
Horizontal Protection	06
Speaker Protection	07
I2C bus 0 error	08
M-B Tele-Text-Decoder	09
M-B ST24C32, NVM	10
J-B TDA9320, Main Colour Decoder	11
B1/B2-B Feature Box	12
B1-B D/A-Converter	13
E-B Backend	14
J-B MSP3410D, Sound Processor	15
J-B CXD2057, Auto Wide	16
External RAM	17

Flash Timing Example : e.g. error number 3



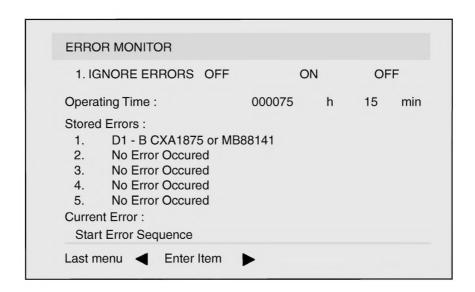
Error Detection Monitor

Device acknowledge is used to check IIC errors. Device acknowledge is checked by sending an IIC start sequence during CRT power on. Each device is checked three times, if there is no acknowledge after each attempt, it will be regarded as an error. There are three steps to check for errors.

- 1. IIC line 0
 - If all devices except the NVM have errors, IIC line 0 error is displayed.
- 2. Board check
 - If all devices mounted on one board have errors, board error is displayed.
- 3. Each device check
 - If IIC line error and board error are not detected then the device with the error is displayed.

The detected errors can be displayed as follows:

- 1. Error Monitor Menu.
- 2. Error Reader.
 - 1. Error Monitor Menu



2. Error Reader Display

The error reader display is connected to the service connector to read actual error codes. The part number for the error reader display is S-188-900-10. Once an error has been detected it will then be displayed on the two digit error reader. The errors displayed refer to the following table.

Error Code	Error Message
000h	No error occurred
001h	Bus error, IIC0
002h	Bus error, IIC1
100h	A-Board
101h	A-B CXA1875, Port Expander
102h	A-B TU1326, Main Tuner
103h	A-B TU1350, Sub Tuner
200h	B1-Board
201h	B1-B P83C654, Feature Box B1-B. SDA9280, D/A Convertor
202h	B1-B P83C654, Feature Box B1-B. SDA9280, D/A Convertor
300h	B2-Board
301h	B2-B. SAA4977, BESIC
302h	B2-B. SAA495X, Field Memory
400h	B3-Board
401h	B3-B. MID-X
402h	B3-B. Panorama
403h	B3-B. DRC
404h	BK-B. Picture Booster
500h	D1-Board
501h	D1-B CXA8070, Dynamic Convertor
502h	D1-B CXA1875, Port Expander
600h	E-Board
601h	E-B CXD2100, Backend
700h	J-Board
701h	J-B CXD2057, Auto Wide
702h	J-B SDA9288, PIP
703h	J-B TDA9320, Sub Colour Decoder
704h	J-B TDA9320, Main Colour Decoder
705h	J-B CXA1875, Sub-Sound
706h	J-B TDA7309, HP-Amplifier
707h	J-B TEA6422DT, Audio Switch
708h	J-B MSP3410D, Sound Processor
709h	J-B TC9337F, Sound DSP
70Ah	J-B CXA21X69, AV Switch
800h	M-Board
801h	M-B ST24C32, NVM

SECTION 1 GENERAL

Instruction Manual'. The page numbers of the 'Operating Instruction Manual' remain The operating instructions mentioned here are partial abstracts from the 'Operating as in the manual.

6. Tuning your TV

Before you tune your TV, you will be asked to set your language and country.

The Language/Country menu appears on the TV screen with the word 'English' highlighted.

- Select 'OFF' if you do not want your channels stored in a given Press the ▲ or ▼ buttons on the remote control to select your chosen language then press the OK button to confirm. The country menu appears on screen with the word 'OFF' highlighted. channel sequence starting from programme position 1.
- Press ▲ or ▼ to select the country in which you wish to operate the TV then press the OK button to confirm your choice.
- The 'autotune' menu appears on the TV screen in your selected language, Press the OK button to confirm,
- button to confirm. The TV starts to automatically search and store Ensure the aerial is connected as instructed, then press the OK all available channels for you. This may take a few minutes please be patient and do not press any buttons.
- channel order, press the \triangle or ∇ buttons to select the channel you want to move, then press \triangleright . Press the \triangle or ∇ buttons to select the to its new programme position and the other channels move accordingly. Repeat this procedure if you wish to sort the order of new programme number position for your selected channel then Once the TV has tuned all available channels the 'Programme Sorting' menu appears on the TV screen enabling you to change the order of the channels on your TV. If you wish to change the press the OK button to confirm. The selected channel now moves other channels on your TV.

7. Press the MENU button to remove the menu from the TV screen.

8. Press the PROGR+/- or the numbered buttons to view the TV

Note: If you would like to stop the autotune process at any stage, press the OK button.

NexTView*

depending on availability of service

NexTView is an on-screen electronic programme guide, providing you with programme information for different broadcasters.

Your TV set automatically selects the best NexTView provider for you. This provider is available about 30 minutes after the Selecting your NexTView provider

1. Press the MENU button on the remote control to display the menu on the TV screen.

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0 0 0 0

channel tuning. You can however change this selection of provider if you wish.

- - NexTView providers.
 - Press \blacktriangle or \blacktriangledown to select the desired NexTView provider then press the OK button to store. Press the MENU button to remove the menu from the TV screen.

Displaying NexTView

es careful 0

Please confirm that aerial is connected Yes: OK No: ▲

(*)

Yes: OK No: ▲

Do you want to start automatic tuning?

- a. If you press the OK button in the date, time or icon (themes) columns, you change the programme list according to the selection.
- b. If you press the OK button in the programme list, you directly display the channel if the broadcast is currently running, or, you display the 'Long Info' menu if the broadcast is running at some future time.





Using the 'Individual Setting' menu

You can make a personal list of the types of programmes you wish to view on the

- 1. Press the \triangle or \blacktriangledown buttons to select the e icon then press \blacktriangledown to display the 'Individual Setting' menu.
- 2. Press \blacktriangle or \blacktriangledown to select your chosen item on the screen then press the OK button to confirm your choice.
 - 3. Repeat step 2 for all the items you wish to have in your list.
- 4. When you have finished the list, press ▶ to select → on the menu screen.
 - 5. Press the OK button to return to the previous menu.
- activate your 'Individual Setting' filter.

7. Finding your video channel

If you have connected a VCR to your TV, you now need to find your video channel.

1. Press the PROGR+/- buttons on the TV remote control until your video picture appears on the TV screen.

Note: If you wish to move your video channel to a different programme position, refer to the 'Re-arranging TV channels' section of this instruction manual.



NexTView

Using the 'Long Info' menu

With this 'Long Info' menu screen, you can set timers or record selected programmes.

Press ▲ or ▼ to select a future programme in the programme list column.
 Press the OK button to display the 'Long Info' menu on the TV screen.

Press the downwest or bighlight the Occurrence of the press the OK button repeatedly to 'set the timer' or 'cancel the timer'. If you choose to set the timer, the programme is marked with a clock symbol and a message appears on the screen shortly before the programme is due to start asking whether you wish to still view this programme.

To view the timer table

shows the programmes on which you have already set a timer. (You can set a timer on up to 5 programmes).



To record programmes*

10

* (only with Smartlink VCRs)

- 1. Connect your Smartlink VCR.
- - To set up the VCR:

Press ◀ to select VPS/PDC then press the OK button repeatedly to select 'On' or 'Off'. With this setting on you have the guaranteed recording of the whole broadcast should there be a change in the TV programme. This only works if the selected channel broadcasts a VPS/PDC signal.

With longplay you can record twice as much on a videotape. The picture quality however may suffer.

Press ▼ to select 'Speed' the press the OK button repeatedly to select between 'SP' for standard play or 'LP' for longplay.

VCR Setup

Press V to select 'VCR Setup' then press the OK button repeatedly to select which VCR you wish to programme, namely VCR1' or 'VCR2'.

4. Finally, press ▶ to select the → icon then press the OK button to remove the menu from the TV screen.

Operation

Teletext

Most TV channels broadcast information via Teletext. The index page of the teletext service (usually page 100) gives you information on how to use the service. Please use a TV channel with a strong signal, otherwise there may be Teletext errors.

Switching Teletext on and off

- 1. Select the TV channel which carries the teletext service you want to view.
- Press the button once for Picture and Teletext (P&T). The screen is divided in two, with the TV channel in the right corner and the Teletext display on the left.

In P&T mode press Θ 0 then press PROGR+/- to change the channel of the TV screen. Press \blacktriangleleft or \blacktriangleright to change the size of the TV screen then press Θ 0 again

to resume normal teletext reception.

Press (a) twice to get Teletext only.
 Press (a) three times for Mix mode.
 Press (a) a fourth time to switch off Teletext.









Input three digits for the page number using the numbered buttons on the remote control. If you make a mistake, type in any three digits then re-enter the correct page number.

Selecting a Teletext page

Using Other Teletext Functions

Press the or buttons on the remote control to select the previous or next page. Selecting the next or preceding page

Selecting a sub page

A teletext page may consist of several sub pages. In this case an information line is displayed, showing the number of subpages. Select the sub page by pressing \triangle or ∇ .

To freeze a Teletext page

Press the B button to freeze the page. Press again to cancel the freeze.

Revealing the index page

Press the (button to reveal the index page (normally page 100).

(only available if the TV station broadcasts Fastext signals) Using colour buttons to access pages (Fastext)

When the colour coded menu appears at the bottom of a page, press a coloured button on the remote control (green, red, yellow or blue) to access the corresponding page.

\$

4

Using the feature 'Page Catching'

- Press the numbered buttons on the remote control to select a teletext page which has several page numbers on it (eg the index page).
- 2. Press the OK button. 3. Press Δ or \blacktriangledown to select the desired page number then press the OK button. The requested page is displayed after some seconds.

3

Operation

eletext

Using the Teletext menu

- With Teletext switched on, press the MENU button on the remote control to display the
- menu on the TV screen. Press \blacktriangle or \blacktriangledown to select your chosen item on the screen then press \blacktriangleright to display the relevant sub menu.
- To remove the Teletext menu from the screen, press the MENU button.

Top/Bottom/Full

The Top/Bottom/Full sub menu allows you to enlarge different sections of the Teletext page. Press \blacktriangle to enlarge the upper half of the screen, Press \blacktriangledown to enlarge the lower half. Press the OK button to restore the page to normal size. Press \blacktriangledown to return to the Teletext menu screen.



Select: ▲▼

Text Clear*

'available on Teletext Only and Mix modes (Refer to 'Switching Teletext on and off')

Text Clear is a function that displays a TV channel while a Teletext page is being searched for.

- 1. Press the 🖨 button on the remote control twice to select full screen text.
- Press the MENU button to display the 'Teletext' menu.
 Press ▲ or ▼ to highlight 'Text Clear' and press ▶ to select.
- 4. The current TV channel is displayed. Once the text page has been found a blue 🔳
 - symbol will appear in the top left hand corner of the screen. Press the Dutton on the remote control to view the page.

Reveal

Some Teletext pages contain hidden information (eg for a quiz), which can be revealed.

Press ▲ or ▼ to highlight 'Reveal' and press ▶ to select. The hidden information is 1. In text mode press the MENU button the remote control to access the 'Teletext' menu.

Time Page*

displayed on the screen.

*depending on availability of service, Time Page is available on Teletext Only and Mix modes

Time Page allows a time-coded Teletext page (such as an alarm page), to be displayed at a set

- 1. In Text mode press the MENU button on the remote control to access the 'Teletext' Press ▲ or ▼ to highlight 'Time Page' and press ▶ to select. The 'Time Page' sub menu
- 3. Enter the desired page number using the numbered buttons on the remote control.
- Enter the desired time using the remote control.
 Press OK to confirm the settings. The TV will exit Teletext mode and the time will be displayed in the top left hand corner of the screen. At the requested time the desired page



Page Overview*

*only available if TOP-Text is transmitted by the TV station.

In this menu the TOP-Text pages are divided into two columns, the first column showing blocks' of pages and the second showing 'groups' of pages.

Operation

Using the TV menu system

The TV consists of a menu system which is based on a series of user friendly on-screen displays and menus. These displays will help you get the most from your TV, helping you to change picture and sound settings, to alter the size of the TV picture and to rearrange the TV channels etc.

Adjusting the picture and sound

The picture and sound are preset at the factory. You can however adjust them to suit your own taste.

- 2. Press the \triangle or ∇ buttons to select \triangle for picture settings or \triangle for sound settings then press 1. Press the MENU button on the remote control to display the menu on the TV screen.
 - ▶ to enter either the 'Picture Adjustment' menu or the 'Audio Adjustment' menu.
- 3. Press the ▲ or ▼ buttons to select the item on the screen you wish to adjust then press ▶ to
 - confirm. For a description of the menu items and their effects, see the table below.
 - Press the ▲ ▼, ▶ or ▲ buttons to adjust your selected item.
 As soon as you have adjusted the item, press the OK button to store the new setting.
 - Repeat steps 3-5 if you wish to adjust any of the other items.
 Press the MENU button to remove the menu from the TV screen.

Picture Control

Item	Effect/Operation		- Constant
Picture Mode	▼ Live (for live broadcasts)	(s)	
	Personal (for individual settings) Movie (for movie broadcasts)	il settings) dcasts)	
	▲ Game (for computer games)	ames)	District Medical
Contrast	Less More		CKAIG IMOSO
Brightness*	Darker ◆ ▶ Brighter		
Colour*	Less A More		
Hue**	Reddish ◀ ► Greenish		
Sharpness*	Softer Sharper		Contrast
*Only available if 'Person **Only available for NTS	*Only available if 'Personal' is selected in 'Picture Mode' **Only available for NTSC colour signal (eg. US video tapes)	pes)	
Reset	Resets picture to the factory preset levels	reset levels	
AI	▼ Off: Normal		₹
(Artificial Intelligence)	▲ On: Automatic optimization of according to the TV signal.	Automatic optimization of contrast level according to the TV signal.	
Noise Reduction	▼ High: High noise reduction. Mid: Medium noise reduction.	ction. eduction.	Nosse Reduction
	Low: Low noise reduction. Auto: Optimum noise reduc ◆ Off: No noise reduction.	Low noise reduction. Optimum noise reduction automatically selected. No noise reduction.	
Digital Mode	▼ Normal: Basic 100H2	Basic 100Hz nicture quality	Digital Mode
Ugital Mode	DRC 50: Improved picture re- scrolling characters DRC 100: Optimum picture re-	DRC 50: Improved picture resolution for viewing scrolling characters DRC 100: Optimum picture resolution creating	
	flicker-free pictures	octures	
Colour Tone	∺	Gives a warm tint to the picture. Normal.	
	▲ Cool: Gives a cool	Gives a cool tint to the picture.	Colour Tone

Using the TV menu system:

Sound Control

Equaliser Mode		Equaliser Mode
	Personal Vocal Jazz Rock Pop Pop Flat (fixed setting, cannot be adjusted)	Angeles A Color Of Co
Equaliser adjustment	You can adjust the mode selected in Equaliser mode by cutting and boosting the 5 selected frequency bands. Press $\mathbf{\Phi} \circ \mathbf{P}$ to select the frequency band then $\mathbf{\Psi} \circ \mathbf{r} \Delta$ to adjust the frequency. Finally, press the OK button to store the new adjustment.	Equalser Adjustment
If you want to store 'Personal'. Personal Jazz, Rock, Pop) stor	If you want to store the new setting, you need to set the Equaliser mode to Personal'. Personal mode permanently stores the setting, all other modes (Vocal, lazz, Rock, Pop) store only until the next mode change.	
Balance	▲ More leftMore right	Sel. ◆ Adjust. ▶ Confirm.OK
Loudness	▼ Off: Normal A On: For music broadcasts	Balance ◆ 0 ▶
Space	▼ Off: Normal ► On: Special acoustic effect	Loudness Off
Auto Vol. Control	On: Volume level of the channels will stay the same independent of the broadcast signal (eg in the case of advertisements) Off: Volume level changes according to the broadcast signal.	Space
Dual Sound	For a bilingual broadcast: A A for channel 1 For a stereo broadcast: A Mono	Auto Vol. Control

 $\hfill \hfill \hfill$

Mono Stereo

Headphones C Volume

Adjusts headphone volume.

Can also adjust the volume level of additional equipment connected to the RCA sockets on the rear of the TV.

Only available when PAP feature is selected:

C Dual Sound

Stereo: The sound of one screen comes through both the TV loudsbeakers and the headphones. PAP: The sound of the left screen comes through the TV loudspeakers, the sound of the right screen is selectable via headphones.

O Dual Sound

For more detail on PAP, refer to the 'Operating PAP' section of this manual.

Using the TV menu system:

1. Press the MENU button on the remote control to display the menu on the TV screen.

Using the Features menu

- Press the MENU button on the remote contact to contact to content the 'Features' menu then press ▶ to enter the 'Features' menu.
 - Press the ▲ or ▼ buttons to select the desired menu item then press ▶ to confirm. For a description of the menu items and their effects, see the table below.
 Press the ▲, ▼, ▶ or ◀ buttons to select the desired setting.
- Press the OK button to confirm your choice of setting
- Repeat steps 3-5 if you wish to select any of the other items.
 Press the MENU button to remove the menu from the TV screen.

etting.	oi.	ar it ome



Item	Effect/Operation	
Auto Formal* *only for aerial signal	Off:Size of picture does not automatically adjust. Normal:Size of picture automatically adjusts according to information from the broadcaster. ► Full: The TV will automatically adjust the picture size to eliminate any dark acreas on the TV picture (as shown below):	Auto Format
(*only if Auto Format is set to 'Normal' or 'Full')		Format Correction
Sleep Timer	You can select a time after which the TV switches itself into standby mode. $ \blacksquare \ \text{Off}$	Sleep Timer
	▲ 90 min	
Parental Lock	■ Off: No parental lock. ■ On: This feature disables the TV buttons when the set is in standby mode. It is only possible to switch the set back on by pressing a button on the remote control.	Perental Look
AV2 Output	▼ TV audio/video signal from the aerial Tf AVI audio/video signal from seart 1 AV2 audio/video signal from seart 2 AV3 audio/video signal from seart 3 A AW4 audio/video signal from seart 3	AV 2 Output

This feature allows you to change the size of the TV picture. Changing the screen size

Press the \Leftrightarrow button on the remote control repeatedly or use the \blacktriangle or \blacktriangledown buttons to select one of the following formats then press the OK button to confirm your selection:

conventional 4:3 picture size, full picture information. compromise between 4:3 and 16:9 picture size, widescreen format for letterbox movies imitation of wide screen effect for 4:3 broadcasts. Smart 4:3 14:9 Zoom Wide In Smart, Zoom and 14:9 modes parts of the top and bottom of the screen are cut off. Press \triangle or ∇ to adjust the position of the image on screen (eg to read subtitles) then press the OK button to confirm.

for 16:9 broadcasts.



Using the TV menu system:

Re-arranging the TV channels

After tuning the TV, you can use this feature to change the order of the channels on the TV.

- 1. Press the MENU button on the remote control to display the menu on the TV screen.
- Press the ▼ button to select the ☐ symbol on the menu screen then press ▶ to enter the 'Set Up'

Select: ▲▼ Enter:▶

- 3. Press the ▼ button to select 'Programme Sorting' then press ▶ to enter the 'Programme Sorting'
 - Press the ▲ or ▼ buttons to select the channel you want to move then press ▶ to confirm.
- Press the ▲ or ▼ buttons to select the new programme position (eg PROG 4) for your selected channel then press the OK button to confirm. The selected channel now moves to its new programme position and the other channels move accordingly.
- Repeat steps 4 and 5 if you wish to sort the other channels.
- 7. Press the MENU button to remove the menu from the TV screen.

Manually tuning the TV

- You have already tuned the TV automatically using the instructions at the start of this manual. You can however carry out this operation manually, adding channels to the TV, one at a time.

1. Press the MENU button on the remote control to display the menu on the TV screen.

- 1 2. Press the \blacktriangledown button to select the \boxminus symbol on the menu screen then press \blacktriangleright to enter the 'Set Up'
 - Press the ▼ button to select 'Manual Set Up' on the menu screen then press ▶ to enter the 'Manual

Select ▲▼ Enter.▶

- Press the ▼ button to select 'Manual Programme Preset' on the menu screen then press ▶ to enter the 'Manual Programme Preset' menu.
- Press the \triangle or ∇ buttons to select a programme number for your channel (eg PROGR 1 for BBC1) then press \triangleright to highlight the 'SKIP' column.

Select ▲▼ Enter: ▶

- Press ▲ to select 'OFF' then press ➤ to highlight the 'SYS' column.
- 7. Press the ▲ or ▼ buttons to select the TV broadcast system or 'EXT' for a video input source (AV1, AV2, ...) then press ▶ to confirm.
- Press the \triangle or $\overline{\nabla}$ buttons to select 'C' for terrestrial channels, 'S' for cable channels, or 'F' for direct frequency inputs then press \triangleright to confirm.
- Select the first number digit of 'CH' (channel) then the second number digit of 'CH' with the number buttons on the remote control or Press the Ψ button to search for the next available channel.
- 10.1f you do not wish to store this channel on the programme number you selected, press the \blacktriangle or \blacktriangledown buttons to continue searching for the desired channel.
 - 11. If this is the channel you wish to store, press the OK button.
- 12. Repeat steps 5-11 if you wish to store more channels then press the MENU button to remove the menu from the TV screen.

Naming a channel

- Names for channels are usually taken automatically from Teletext if available. You can however name a channel or an input video source using up to five characters (letters or numbers).
- 1. Press the MENU button on the remote control to display the menu on the TV screen.
- Press the lacktriangle button to select the lacktriangle symbol on the menu screen then press lacktriangle to enter the 'Set
 - 3. Press the ▼ button to select 'Manual Set Up' then press ▶ to enter the 'Manual Set Up'

Select: ▲▼ Enter:▶

- Press the ▼ button to select 'Manual Programme Preset' then press ▶ to enter the 'Manual Programme Preset' menu.
- Press the ▲ or ▼ buttons to select the channel you wish to name.
- Press the ▶ button repeatedly until the first element of the 'LABEL' column is highlighted.

- 7. Press the ▲ or ▼ buttons to select a letter or number (select '-' for a blank) then press ▶ to confirm. Select the other four characters in the same way.
- After selecting all the characters, press the OK button.
- 9. Repeat steps 5 to 8 if you wish to label other channels.
- 10. Press the MENU button to remove the menu from the TV screen.

Skipping programme positions

- This function enables you to skip unused programme positions when selecting them with the PROGR+/- buttons. However, by using the number buttons you can still select the skipped programme position. \odot
- 1. Press the MENU button on the remote control to display the menu on the TV screen.
- 2. Press the lacktriangle button to select the lacktriangle symbol on the menu screen then press lacktriangle to enter the 'Set Up' menu.

- 3. Press the \blacktriangledown button to select 'Manual Set Up' then press \blacktriangleright to enter the 'Manual Set Up'
- Press the ▼ button to select 'Manual Programme Preset' then press ▶ to enter the 'Manual Programme Preset' menu.
- Press the \blacktriangle or \blacktriangledown buttons to select the programme position then press \blacktriangleright to highlight the
- Press the \blacktriangle or \blacktriangledown buttons to select 'Off' or 'On' (if you wish to skip this programme position) then press the OK button to store.
- Repeat steps 5 and 6 if you wish to skip or unskip further programme positions
- Press the MENU button to remove the menu from the TV screen.





Using the Further Programme Preset feature

c) manually fine-tune the TV to obtain a better picture reception if the picture is distorted or d) preset the AV output for the programme positions of channels with scrambled signals (eg from a pay TV decoder). In this way a connected VCR records the unscrambled signal. With this feature you can a) adjust the attenuation of each channel, b) individually adjust the volume level of each channel,

1. Press the MENU button on the remote control to display the menu on the TV screen.

- Press the ▼ button to select the 🖨 symbol on the menu screen then press ▶ to enter the 'Set
 - 3. Press the ▼ button to select 'Manual Set Up' then press ▶ to enter the 'Manual Set Up' menu

Select: ▲▼ Enter: ▶

- Press the ▼ button to select 'Further Programme Preset' then press ▶ to enter the 'Further Programme Preset'
- Press the \triangle or \forall buttons to select the relevant programme number then press the \forall button repeatedly to select a) ATT b) VOL c) AFT or d) DECODER. The selected item changes

Press the ▲ or ▼ buttons to switch attenuator 'on' or 'off'. Press the OK button to confirm the selection. Repeat steps 5 and 6a if you wish to adjust the attenuation of the other channels. a)ATT - RF Attenuator

b) VOL - Volume Offset

Press the \triangle or ∇ buttons to adjust the volume level (range -7 to +7) of the channel. Store by pressing the OK button. Repeat steps 5 and 6b if you wish to adjust the volume level of the

Press the \triangle or ∇ buttons to fine time the channel frequency over a range of -15 to +15. Press the OK button to confirm. Repeat steps 5 and 6c if you wish to fine tune other channels. c) AFT - Automatic Fine Tuning

Press the ▲ or ▼ buttons to select AV1 or AV2 for the programme position then press the OK button to confirm. You can now attach a decoder to the AV1 or the AV2 socket on the back of the TV and the picture from that decoder will appear on this programme number. Repeat steps 5 and 6d to preset the AV output for other programme positions.

Press the MENU button to remove the menu from the TV screen.

Selecting the 'Demo' feature

This function provides an overview of some of the features available on the TV.

1. Press the MENU button on the remote control to display the menu on the TV screen.

Press the ▼ button to select the 🖨 symbol on the menu screen then press ▶ to enter the Set Up' menu

Press the ▼ button to select 'Manual Set Up' then press ▶ to enter the 'Manual Set Up'

Select: ▲▼ Enter:▶

Press the ▼ button to select 'Demo' then press ▶ to start the demonstration (which lasts for

Press the $\ensuremath{\square}$ button to remove the demonstration from the TV screen.

approximately 5 minutes).

8

Using the TV menu system:

Adjusting the picture rotation

Because of the earth's magnetism the picture might slant. In this case you can readjust the picture,



Press the ▼ button to select the 🖨 symbol on the menu screen then press ▶ to enter the Set Up, menu

Press the ▼ button to select 'Manual Set Up' then press ▶ to enter the 'Manual Set Up'

Press the ▼ button to select 'Picture Rotation' then press ▶ to enter the 'Picture Rotation' sub menu. Press the ▲ or ▼ buttons to rotate the picture over a range of -5 to +5 then press the OK

Press the MENU button to remove the menu from the TV screen



Adjusting the picture geometry for an RGB source

(I) When connecting an RGB source such as a Sony Playstation you may need to readjust the geometry of the picture.

1. Press the € button on the remote control to select the connected RGB source €1

2. Press the MENU button to display the menu on the TV screen.

3. Press the ▼ button to select the 🖨 symbol on the menu screen then press ▶ to enter the 'Set Up' menu

8

Press the ▼ button to select 'Manual Set Up' on the menu screen then press ▶ to enter the 'Manual Set Up' menu Press the ▼ button to select 'RGB Set Up' on the menu screen then press ▶ to enter the RGB Set Up' sub menu.

8

Press \blacktriangleright to select H Centre then press \blacktriangle or \blacktriangledown to adjust the centre of the picture over a range of -10 to +10. Store the new range by pressing the OK button.

Press ▶ to select H Size then press ▲ or ▼ to adjust the horizontal coordinates over a range of -10 to +10. Store the new range by pressing the OK button.

8. Press the MENU button to remove the menu from the TV screen.



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Additional Information

Specifications

TV system	Sound output
	Left/Right: 2x20W (Music Power) 2x10W (RMS)
Colour system	Sub woofer: 30W (Music Power)
PAL, SECAM	15W (RMS)
NTSC 3.58, 4.43 (only Video In)	
	Power consumption
Channel coverage	KV-28FQ75: 152W
See the 'Channel Display Table' below.	KV-32FQ75: 160W
Picture tube KV-28F075: FD Trinitron WIDE, Approx. 72cm (28 inches) KV-32F075: FD Trinitron WIDE, Approx. 82cm (32 inches)	Dimensions (wxhxd) KV-28FQ75: Approx. 788x571x563mm KV-32FQ75: Approx. 886x620x592mm

Rear Terminals

G=1/⊕1 21-pin Euro connector (CENELEC standard) including audio

KV-28PQ75: Approx. 46.0kg

wideo input, RGB input, TV andiovideo output.

G=2/⊕2: 21-pin Euro connector (CENELEC standard) including audio

dido input, Sevideo input, Sereballe audiovideo output.

G=3/⊕3: 21-pin Euro connector (CENELEC standard) including audio

video input, Sevideo input, Monitor audiovideo output.

ELGA designated size AA batteries

Contional accessory

Accessories supplied
RM-893 remote control (1)
IEC designated size AA batteries (2)

Optional accessory
TV Stand:
KV-28FQ75: SU28FQ1
KV-32FQ75: SU32FQ1

Other features
Hat display Trinitron tube, noise reduction, DRC 50Hz
picture, DRC frol 1094 picture, PAI, PAI, M-PIP, graphic
equaliser, 2000 page TEXT memory, personal ID, sleep timer,
NexTView, Digital Comb Filter, second tuner.

Video input -phono jacks Audio inputs - phono jacks S video input - 4 pin DIN Headphones jack - minijack stereo

\$ \$ \$ \$ C:

Design and specifications are subject to change without notice.

Channel Display Table

I B21B69 C21C69		Receivable Channels	Channel Displays
	I	B21B69	C21C69

Additional Information

Troubleshooting

Here are some simple solutions to problems which may affect the picture and sound.

Problem	Suggested remedy
No picture (screen is dark), no sound	• Plug the TV in.
	• Press the U button on the front of the TV.
	 If the @ indicator is on press the 1/Ø button or a numbered button on the remote control.
	 Check the aerial connection.
	Turn the TV off for 3 or 4 seconds and then turn it on again
	using the ① button on the front of the TV.
Poor or no picture (screen is dark), but	Using the MENU system, select the Picture
good sound.	Adjustment display. Adjust the brightness, picture and colour
	Form the Picture Adjustment display select RESET to return to the factory settings.
Good picture, no sound	Press the ∠ button on the remote control.
	If K is displayed on the screen, press the K button on the remote control.
No colour on colour programmes	· Using the MENU system, select the Picture Adjustment
	display and adjust the colour setting. • From the Picture Adjustment display select RESET to return
	to the factory settings.
Distorted picture when changing programmes or selecting Teletext	 Turn off any equipment connected to the scart connectors on the rear of the TV.
Remote control does not function	Replace the batteries.
The standby indicator Φ on the TV flashes	Contact your nearest Sony service centre.
Interference on picture from external equipment	Reduce sharpness level,

- If you continue to have these problems, have your TV serviced by qualified personnel.
 NEVER open the casing yourself.

Front Terminals

RF In

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SECTION 2 DISASSEMBLY

2-1. Rear Cover Removal



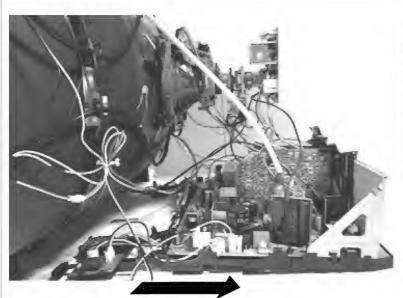
Remove the rear cover fixing screws indicated. Take care when removing the rear cover not to damage the speaker cables [Disconnect the speaker connector] as speakers are fitted inside the rear cover.

2-2. Speaker Connector Disconnection

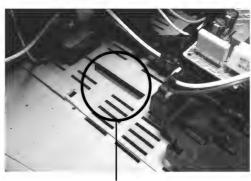


Before completely removing the rear cover disconnect the speaker connector which is located on the inside.

2-3. Chassis Removal and Refitting

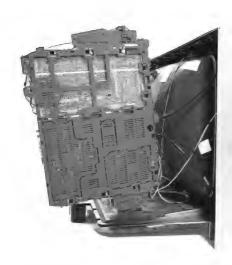


To remove lift the main bracket rear slightly and slide the chassis away from the beznet. Ensure that the interconnecting leads are released from their purse locks to prevent damage being caused.



When refitting the chassis ensure that the main bracket is located in the beznet guide slots before sliding the chassis forwards. Refit the interconnecting leads in their respective purse locks.

2-4. Service Position



Position the PWB as indicated to access the solder side. To gain access to the D Board follow the instructions on page 19. [Removal and Replacement of the main bracket bottom plates].

2-5. D1 Board Removal



To remove the D1 Board release the clip circled and gently remove the board in a vertical direction.

2-6. J Board Removal



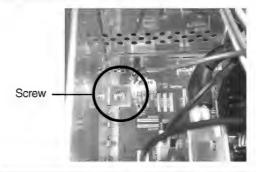
Release the two metal bracket support clips located on either side of the chassis. Tilt the bracket very slightly away from the shield case indicated. Release the J board board socket retaining clip and carefully lift the complete assembly vertically.



Shield case

2-7. B3 Board Removal

Follow the steps indicated in removal of the J board. With the assembly removed access to the B3 board shield is possible. To remove the shield locate and remove the two screws positioned on either side and at opposite ends of the shield. Release the B3 board clip and remove in a vertical direction. Please ensure that the screws are refitted after service.



Note

Removal of the B3, E, and M1 printed circuit boards follows the same procedure of releasing the securing clips as indicated in the fig for D1 board removal.

Take care not to apply to great a pressure to the clips as this may cause damage.

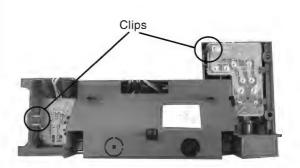
2-8. Front Control Module Removal

Remove the two screws fixing the user control module to the front underside of the set. The control module drops down to allow access to the boards.



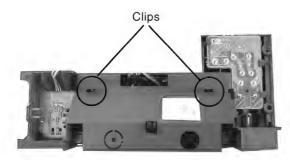
2-9. F3 and H6 Board Removal

To remove the F3 and H6 Boards release the clips circled and ease the boards gently away from the main support bracket.



2-10. H5 Board Removal

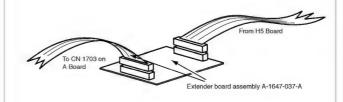
To remove the H5 Board, first remove the control door from bracket by releasing the clips circled and pushing them through the main support bracket.



Removal of H5 Board follows the same procedure as removal of the F3 and H6 Boards.

2-11. Service Connector for H5 Board

If there is a requirement to use the front video and audio sockets when the chassis is placed in its service position, it would be necessary to use an extender board and extension cable as indicated below.

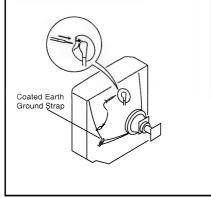


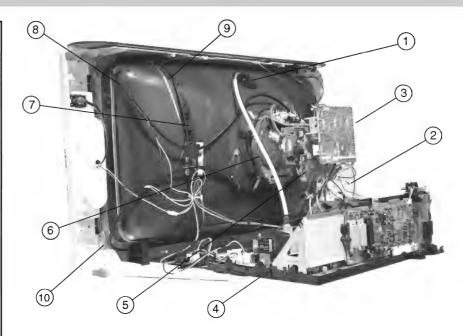
The Extender board and extension cable are available as a service part by ordering the part number as indicated.

2-12. Picture Tube Removal

WARNING: BEFORE REMOVING THE ANODE CAP

High voltage remains in the CRT even after the power is disconnected. To avoid electric shock, discharge CRT *before* attempting to remove the anode cap. Short between anode and CRT coated earth ground strap.

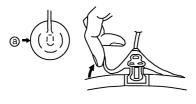




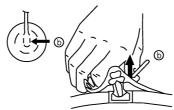
- 1. Discharge the anode of the CRT and remove the anode cap.
- Unplug all interconnecting leads from the Deflection yoke, neck assy, degaussing coils and CRT grounding strap.
- 3. Remove the C Board from the CRT.
- 4. Remove the chassis assembly.
- 5. Loosen the Neck assembly fixing screw and remove.
- 6. Loosen the Deflection yoke fixing screw and remove.
- 7. Place the set with the CRT face down on a cushion and remove the Degaussing Coil holders.
- 8. Remove the Degaussing Coils.
- 9. Remove the CRT grounding strap and spring tentioners.
- Unscrew the four CRT fixing screws [located on each CRT corner] and remove the CRT.
 [Take care not to handle the CRT by the neck.]

Removal of the Anode-Cap

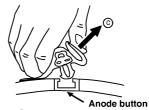
* REMOVING PROCEDURES.



1 Turn up one side of the rubber cap in the direction indicated by the arrow (a)



2 Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow (b)

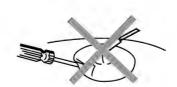


When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling it up in the direction of the arrow (c)

How to handle the Anode-Cap

- To prevent damaging the surface of the anode-cap do not use sharp materials.
- Do not apply too great a pressure on the rubber, as this may cause damage to the anode connector.
- 3. A metal fitting called a shatter hook terminal is fitted inside the
- Do not turn the rubber foot over excessively, this may cause damage if the shatter hook sticks out.





REMOVAL AND REPLACEMENT OFTHE MAIN-BRACKET BOTTOM PLATES.

(1) REMOVING THE PLATES

In the event of servicing being required to the solder side of the D Board printed wiring board, the bottom plates fitted to the main chassis bracket require to be removed. This is performed by cutting the gates with a sharp wire cutter at the locations indicated by the arrows.

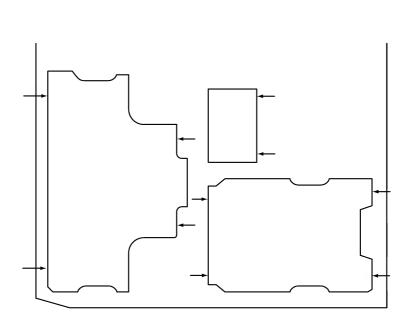
Note: There are 3 plates fitted to the main bracket and secured by 3 gates. Only remove the necessary plate to gain access to the printed wiring board.

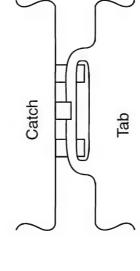
For safety reasons, on no account should the plates be removed and not refitted after servicing.

(2) REFITTING THE PLATES

Because the plates differ in size it is important that the correct plates are refitted in their original location.

Please note that the plates need to be rotated 180 degrees from their cut position to allow the tabs to be fitted into their catch positions.





SECTION 3 SET-UP ADJUSTMENTS

- When complete readjustment is necessary or a new picture tube is installed, carry out the following adjustments.
- Unless there are specific instructions to the contrary, carry out these adjustments with the rated power supply.
- Unless there are specific instructions to the contrary, set the controls and switches to the following settings:

Contrastnormal

Brightnessnormal

Carry out the adjustments in the following order:

- 3-1. Beam Landing.
- 3-2. Convergence.
- 3-3. Focus.
- 3-4. White Balance.

Note: Test equipment required.

- 1. Color bar/pattern generator.
- Degausser.
- 3. Oscilloscope.
- 4. Digital multimeter.

3-1. Beam Landing

Preparation:

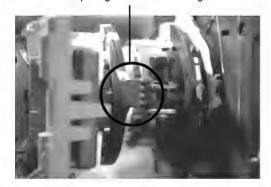
- 1. In order to reduce the influence of geomagnetism on the set's picture tube, face it in an easterly or westerly direction.
- 2. Switch on the TV set's power and degauss with a degausser.

(1) Adjustment of Neck Assembly and Y-Splitting Axis.

- 1. Position the neck assembly as indicated in Fig.3-2.
- 2. Loosen the deflection yoke fixing screw.
- Position the Y-splitting axis correction magnets located on the neck assembly as indicated in Fig 3-1.

Fig.3-1

Y-splitting axis correction magnet



Caution:

High voltages are present on the Deflection yoke terminals - take care when handling the Deflection yoke whilst carrying out adjustments.

(2) Landing

Note: Before carrying out the following adjustments adjust the magnets as indicated below [See Fig.3-5].

- 1. Input a crosshatch signal from the signal generator.
- 2. Rough-adjust the focus and horizontal convergence.
- 3. Switch from the crosshatch pattern to an all-red pattern.

- 4. Move the deflection yoke backwards and adjust with the purity magnet so that the red is at the centre and it aligns symmetrically [See Fig.3-6].
- 5. Move the deflection yoke forward to the point where the entire screen just becomes red [Mark its position].
- 6. Move the deflection yoke further forward until the screen just changes colour at the edges. [Mark its position]
- 7. Position the deflection yoke between the two marks indicated above.
- Input a crosshatch pattern from the pattern generator and rotate the deflection yoke so that the horizontal lines are parallel with the top and bottom of the screen.
- 9. When the position of the deflection yoke has been determined, fasten it with its fixing screw.
- 10. Adjust the upper and lower pin symmetrically by tilting the DY up and down then insert a DY wedge at the top. Use the Y-splitting axis magnets to finely adjust the pin balance. [Fig. 3-3].
- 11. Adjust the H-trap by moving the DY left or right. Insert DY wedges at top and bottom left and top and bottom right. Finely adjust using the H-trap VR on the DY assembly. [See Fig.3-4].
- 12. Switch the pattern generator to green then blue and confirm the purity.
- 13. If the beam does not land correctly in all the corners of the screen, use disk magnets to correct it. [Confirm the corner landing for green and blue]

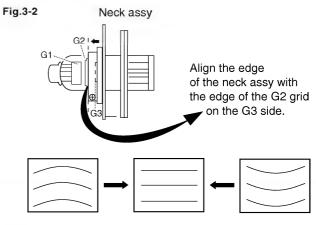


Fig.3-3

Fig.3-4



Fig.3-5

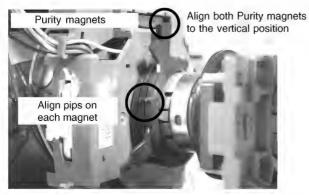
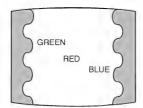
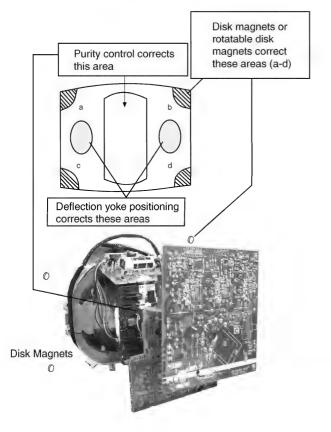
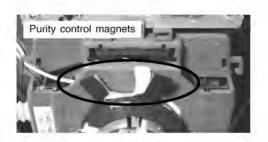


Fig.3-6



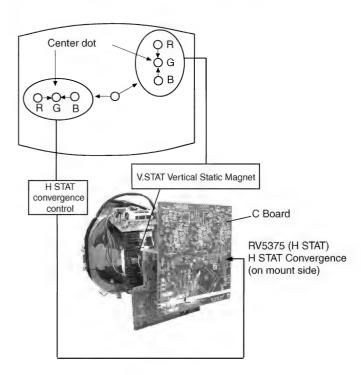




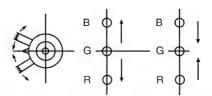
3-2. Convergence

(1) Screen centre convergence [Static convergence]

- 1. Input a dot pattern signal from the pattern generator.
- 2. Normalize the picture setting.
- [Moving vertically], adjust the V.STAT magnet so that the vertical red, green and blue dots coincide at the centre of the screen.

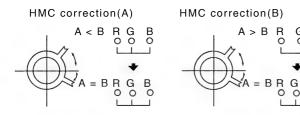


By opening or closing the V.STAT magnet, the red green and blue dots move in the direction indicated below.



Note: Do not adjust the H.STAT by rotating the V.STAT magnets as this can affect the focus setting.

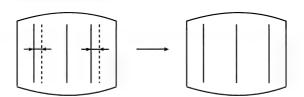
- Correction for HMC [Horizontal mis-convergence] and VMC [Vertical mis-convergence] by using the BMC [Hexapole] magnet.
- a). HMC correction by BMC [Hexapole] magnet and movement of the electron beam.



b). VMC correction by BMC [Hexapole] magnet and movement of the electron beam.

VMC correction(A) VMC correction(B) $C < D \quad C = D \qquad C > D \quad C = D$ $C = D \quad C = D \quad C = D$ $C = D \quad$

HAMP Adjustment

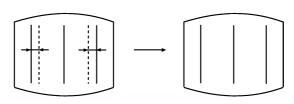


Adjust the HAMP using HAMPL and HAMPR registers in the Dynamic Convergence section of the service menu.

HTIL Adjustment



HTIL correction can be performed by adding a THL correction assembly to the Deflection yoke.



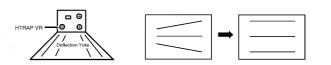
YCH Adjustment



TLV Adjustment

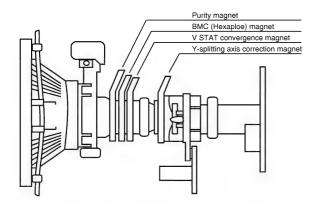


H-TRAP Adjustment

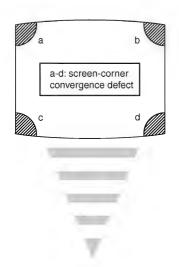


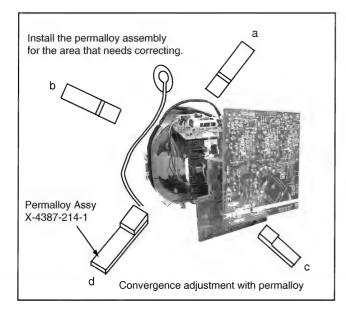
The H-TRAP should not be adjusted unless absolutely necessary as it affects the TLV settings.

Layout of each control



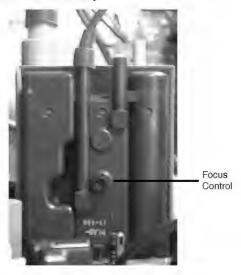
Note: If you are unable to adjust the corner convergence properly, this can be corrected with the use of permalloy magnets.





3-3. Focus Adjustment

- 1. Receive a television broadcast signal.
- 2. Normalize the picture setting.
- Adjust the focus control located on the flyback transformer to
 obtain the best focus at the centre of the screen.
 Bring only the centre area of the screen into focus, the magentaring appears on the screen. In this case, adjust the focus to
 optimize the screen uniformly.



3-4. Screen (G2), White Balance

[Adjustment in the service mode using the remote commander]

G2 adjustment [RV5376]

- 1. Input a dot signal from the pattern generator.
- 2. Set the Picture, Brightness and Colour to minimum.
- 3. Apply 170V DC from an external power supply to the R, G and B cathodes of the CRT.
- Whilst watching the picture, adjust the G2 control RV5376 [SCREEN] located on the C Board to the point just before the flyback return lines disappear.

White balance adjustment for TV mode

- Input an all-white signal from the pattern generator.
- Enter into the 'Service Mode' by pressing 'TEST', 'TEST' and 'MENU' 'MENU' on the Service Commander.
- Select 'Backend' from the on screen menu display and press 'OK'.
- 4. The 'Backend' menu will appear on the screen.[See Page 26]
- 5. Set the 'Contrast' to MAX.
- 6. Set the 'R-Drive' to 41.
- 7. Adjust the 'G-Drive' and the 'B-Drive' so that the white balance becomes optimum.
- 8. Press the 'OK' button to write the data for each item.
- 9. Set the 'Contrast' to MIN.
- 10. Set the 'R-Cutoff' to 31.
- 11. Adjust the 'G-Cutoff', and the 'B-Cutoff' with the left and right buttons on the remote commander so that the white balance becomes optimum.
- 12. Press the 'OK' button to write the data for each item.

SECTION 4 CIRCUIT ADJUSTMENTS

4-1. Electrical Adjustments

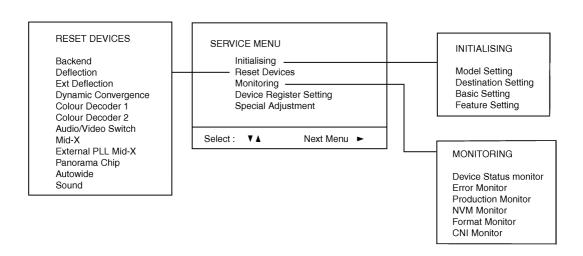
Service adjustments to this model can be performed using the supplied Remote Commander RM-893.

How to enter into the Service Mode

1. Turn on the main power switch of the set while pressing P + (plus) and P - (minus) buttons on the front drop down control panel.



- 2. 'TT' will appear in the upper right corner of the screen.
- 3. Press the 'MENU' button twice on the remote commander to obtain the service menu on the screen.



- 4. Push the joystick up or down on the remote commander to select the adjustment item.
- 5. Push the right button to proceed to the next menu.
- 6. If the required adjustment item is 'Deflection', push the down button to move to 'Deflection'.
- 7. Push the joystick to the right to enter into 'Deflection'.
- 8. Change the data in order to comply with each standard.

Note:

- Before performing any adjustments ensure that the correct model has been selected in the 'Model Setting' menu.
- After carrying out the service adjustments, to prevent the customer accessing the 'Service Menu' switch the TV set OFF and then ON.

Initialising Menu

Initialising	
	Model Setting
	Destination Setting
	Basic Setting
	Feature Setting
Select :	Next menu:

Model Setting

The menu contains a list with all the available models of this software to set up the TV set in an easy way. The selection of a model is setting data for its features and hardware resources which cannot be detected by the automatic power on H/W detection as well as a special *model byte* to get an unique model identification for models which cannot be differed by features and hardware resources (e.g. KV-28FC60 and KV-28FC60Z)

Before data is set, the user will be asked if he really wants to set a new model. If the user agrees, automatically the destination setting menu is shown.

Model Setting		
1 2	KV-28FC60 KV-28FC60Z	Reset
3	KV-29FC60	
4 5	KV-32FC60 KV-32FC60Z	
6	KV-34FC60	
7	KV-28FQ75 KV-29FQ75	
9	KV-32FQ75	
10	KV-34FQ75 KV-28FS70	
12	KV-32FS70	
13	KV-36FS70	
BLACK	= No Conformity	
GREEN RED	Compatible ModelConformity for all data	ı

Table.4-1
Indication of Model Compatibility.

Black:

If any data does not match to specific model, the model name is displayed in black.

Green:

All data which is checked by model setting menu concurs to model except model byte.

Red:

All data which is checked by model setting menu concurs to model including model byte.

Note:

After selecting a model, it may be necessary to reset some devices to get the correct data. (Treble/Bass Offset of Sound, deflection adjustments, ...)

Basic Setting

	Basic so	etting		
No	Descr	Min	Max	Data
1	Sys.B/G	OFF	ON	ON
2	Sys.D/K	OFF	ON	ON
3	Sys.L	OFF	ON	OFF
4	Sys.I (UK)	OFF	ON	OFF
5	Sys.I (IRL)	OFF	ON	ON
6	TXTNat.option	1	4	3
7	16:9 CRT	OFF	ON	ON
8	Sub-woofer	OFF	ON	ON
9	Auto stand-by	OFF	ON	ON
10	Comb-filter	OFF	ON	ON
11	Auto YC det	OFF	ON	ON
12	Auto comb det	OFF	ON	ON
13	AV2 Available	OFF	ON	ON
14	AV3 Available	OFF	ON	ON
15	AV4 Available	OFF	ON	ON
16	AV3 Fr & rear	OFF	ON	OFF
17	SECAM Tape	OFF	ON	OFF
18	AV1 Sound Mute	OFF	ON	OFF

Table.4-2

Feature Setting

	Fea	ture setting		
No	Descr	Min	Max	Data
1	PAP	OFF	ON	ON
2	PAT	OFF	ON	ON
3	INDEX	OFF	ON	ON
4	EPG	OFF	ON	ON
5	FULL EPG	OFF	ON	ON

Table.4-3

Device Register Setting

Backend
Deflection
Ext Deflection
Dynamic Convergence
Colour Decoder 1
Colour Decoder 2
Audio / Video Switch
Mid - X
External PLL Mid - X
Panorama Chip
Autowide
Sound

Table.4-4

	Audio	/ Video S	Switch		
No	Descr	Def	Min	Max	Data
1	CVOUT1	0	0	9	0
2	CVOUT2	2	0	9	2
3	GD1 SW	ON	OFF	ON	ON
4	GD2 SW	ON	OFF	ON	ON
5	YCOUT 1	0	0	7	0
6	YCOUT 2	1	0	7	1
7	LO0CTRL	OFF	OFF	ON	OFF
8	LO1CTRL	OFF	OFF	ON	OFF
9	AOUT 1	3	0	7	3
10	AOUT 2	3	0	7	3
11	AOUT 3MUTE	OFF	OFF	ON	OFF
12	ZCD SW	ON	OFF	ON	ON
13	AOUT 3	3	0	7	3
14	GROUP DEL	15	0	31	15
15	AOUT3 L/R	0	0	3	0
16	AOUT3VOLF	0	0	7	0
17	AOUT3VOLC	3	0	7	3
18	SYNC1	1	0	1	1
19	SYNC2	1	0	1	1

Table.4-5

Special Adjustment				
	_			
No	Descr	Min	Max	Data
1	RGB level	0	7	0
2	RGB Gain	0	31	8
3	RGB PatLevel	0	7	0
4	RGB Patgain	0	31	15
5	Extra Fw	0	255	255
6	EPG Chks Check	OFF	ON	ON
7	Slicer High	OFF	ON	ON
8	FCW Wide	OFF	ON	ON
9	Mpeg NR	OFF	ON	OFF
10	Notch Filter	OFF	ON	OFF
11	NLD Step	-7	0	-1
12	PKD Step	-15	0	-5
13	CRD Step	0	15	7
14	SHP Step	-10	0	-3
15	COL Step	-10	0	-1
16	SHP gain Step	-5	0	0
17	VM level Step	-3	0	0
18	NTSC Auto YC AV2	OFF	ON	OFF
19	NTSC Auto YC AV3	OFF	ON	OFF

Table.4-6

		Backend			
No	Descr	Def	Min	Max	Data
1	R-on	ON	OFF	ON	ON
2	G-on	ON	OFF	ON	ON
3	B-on	ON	OFF	ON	ON
4	D-col	OFF	OFF	ON	OFF
5	Color-axis	2	0	3	2
6	Contrast	40	0	63	40
7	Limit-Lvl	3	0	3	3
8	Hue	32	0	63	32
9	Colour	31	0	63	31
10	CTI-Level	2	0	3	2
11	Brightness	31	0	63	31
12	Gamma	3	0	3	3
13	Sharpness	30	0	63	28
14	R-Drive	41	0	63	41
15	G-Drive	41	0	63	37
16	B-Drive	41	0	63	25
17	ABL-Mode	0	0	3	2
18	Sub Bright	31	0	63	21
19	VM-Level	2	0	3	1
20	R-Cutoff	31	0	63	31
21	Preover	2	0	3	2
22	G-Cutoff	31	0	63	20
23	DPIC-Level	1	0	3	2
24	B-Cutoff	31	0	63	12
25	DC-Tran	0	0	3	1
26	Sub-Cont	7	0	15	8
27	LRGB2-LvI	8	0	15	8
28	P-Abl	15	0	15	15
29	Sharp.Fo	ON	OFF	ON	ON
30	Aging-W	OFF	OFF	ON	OFF
31	Aging-B	OFF	OFF	ON	OFF
32	CB-offset1	11	0	15	11
33	CR-offset1	11	0	15	11
34	CB-offset2	7	0	15	7
35	CR-offset2	7	0	15	7
36	Sub Color	0	-8	8	-5

Table.4-7

Colour Decoder 1						
No	Descr	Def	Min	Max	Data	
1	Tint	31	0	63	31	
2	P/N Gw	OFF	OFF	ON	OFF	
3	P/N ID	OFF	OFF	ON	OFF	
4	Sub Colour	7	0	15	7	
5	Sub Contr	8	0	15	8	
6	Sharp FO	1	0	3	1	
7	Sharp EQ	2	0	3	2	
8	Sharp Gain	8	0	15	8	
9	Y-Out Lev	35	0	63	35	
10	BS Point	0	0	3	0	
11	C-Out Lev	45	0	63	45	
12	DC Rest	0	0	3	0	
13	BPF FO	2	0	3	2	
14	BPF Q	1	0	3	1	
15	Filter Sw	OFF	OFF	ON	OFF	

Table.4-8

	Coloui	Decoder	1 (cont)		
No	Descr	Def	Min	Max	Data
16	C-Trap Sw	0	0	1	0
17	S-D Trap	ON	OFF	ON	ON
18	LPF	ON	OFF	ON	ON
19	Y-DL	8	0	10	8
20	N-Comb	ON	OFF	ON	ON
21	Video Sel	0	0	15	0
22	RGB Sel	0	0	3	0
23	Halftone	OFF	OFF	ON	OFF
24	CrOFF.1	7	0	15	11
25	CbOFF.1	7	0	15	11
26	CrOFF.2	7	0	15	7
27	CbOFF.2	7	0	15	7
28	VCD Freq	3	0	7	3
29	VCD Mode	0	0	3	0
30	AFC SENS	1	0	3	1
31	MVM	OFF	OFF	ON	OFF
32	S-R-Y Adj	4	0	15	6
33	S-B-Y Adj	6	0	15	4
34	BELL/HPF	2	0	3	2
35	BELL FO	OFF	OFF	ON	OFF
36	S-GP	0	0	3	0
37	S ID	OFF	OFF	ON	OFF
38	RGB1 ENB	OFF	OFF	ON	OFF
39	HS-PH	1	0	1	0
40	Auto SW	1	0	1	1
41	VP_PH	0	0	1	0
42	S/N RATIO	3	0	3	3

Table.4-9

Dynamic Convergence						
	,		3			
No	Descr	Def	Min	Max	Data	
1	Range	63	0	63	63	
2	V Stat	32	0	63	14	
3	H Stat	33	0	63	43	
4	H amp L	37	0	63	33	
5	H amp R	36	0	63	33	
6	Up Y	31	0	63	57	
7	Low Y	33	0	63	31	
8	Y up L	30	0	63	56	
9	Y up R	30	0	63	31	
10	Y low L	31	0	63	58	
11	Y low R	30	0	63	45	
12	Mbow Up L	31	0	63	31	
13	Mbow Up R	32	0	63	31	
14	Mbow Low L	32	0	63	31	
15	Mbow Low R	32	0	63	31	
16	T Cor PCtrl	OFF	OFF	ON	OFF	
17	Top Cor Pin	31	0	63	31	
18	B Cor PCtrl	OFF	OFF	ON	OFF	
19	Bot Cor Pin	43	0	63	31	

Table.4-10

		Sound			
No	Descr	Def	Min	Max	Data
1	Ref.Level	40	0	20	40
2	Auto-gain	ON	OFF	ON	ON
3	Ana-in	0	0	1	0
4	Carr-mute	ON	OFF	ON	ON
5	Clock out	ON	OFF	ON	ON
6	AM-gain	ON	OFF	ON	ON
7	Clip mode	0	0	2	0
8	SCART1 Vol	79	0	127	79
9	SCART2 Vol	79	0	127	79
10	SCART Pr	27	0	127	27
11	I2S1-pr	16	0	127	16
12	I2S2-pr	16	0	127	16
13	FM pr	27	0	127	27
14	BG Nic-pr	53	0	127	53
15	L Nic-pr	59	0	127	59
16	DK Nic-pr	53	0	127	53
17	l Nic-pr	97	0	127	97
18	Irl Nic-pr	97	0	127	97
19	AVC-Decay	2	0	8	2
20	SubW-vol	-4	-127	0	-4
21	SubW-freq	20	5	40	20
22	SubW-HPass	OFF	OFF	ON	OFF
23	Spat-stre	+127	0	-1	127
24	Spat-Coeff	0	0	8	0
25	Bass offs	0	-3	+3	0
26	Treble offs	-1	-3	+3	-1
27	Loudn offs	0	0	9	0
28	Hp-Voloffs	-2	-5	+5	-2
29	M-S Limit	+30	-128	+127	30
30	M-B Limit	-30	-128	+127	-30
31	S-M Limit	+12	-128	+127	12
32	S-B Limit	-20	-128	+127	-20
33	B-M Limit	-12	-128	+127	-12
34	B-S Limit	+20	-128	+127	20
35	Err.Max	40	0	255	40
36	Err.Min	14	0	255	18
37	Vol.Offset	-4	-6	0	-4

Table.4-11

	Ext. Deflection					
No	Descr	Def	Min	Max	Data	
1	Linearity	127	0	255	127	
2	H Centre	31	0	63	31	
3	Н Тгар	31	0	63	31	
4	Rotation	0	0	255	0	
5	FocusPhase	127	0	255	127	

Table.4-12

		Deflection	n		
No	Descr	Def	Min	Max	Data
1	V-Size	31	0	63	39
2	V-Position	31	0	63	38
3	V-Comp	0	0	3	0
4	V-Linear	7	0	15	8
5	S-Corr	7	0	15	8
6	H-Size	31	0	63	48
7	EW-DC	OFF	OFF	ON	OFF
8	Akb Tim2	OFF	OFF	ON	OFF
9	Pin-Amp	31	0	63	36
10	H-Comp	0	0	3	0
11	Up-Cpin	31	0	63	30
12	M-Pin	2	0	3	2
13	Lo-CPin	31	0	63	33
14	Trapezium	7	0	15	6
15	H-Position	22	0	63	31
16	VblKw	0	0	3	0
17	AFC-Bow	7	0	15	8
18	AFC-Angle	7	0	15	8
19	Left-Blk	52	0	63	52
20	Right-Blk	11	0	63	11
21	V-Freerun	0	0	3	0
22	V-Aspect	0	0	63	0
23	Zoom-Sw	OFF	OFF	ON	OFF
24	U-Scan	OFF	OFF	ON	OFF
25	V-Scroll	31	0	63	31
26	Akb-Tim	2	0	3	2
27	Up-Vlin	0	0	15	0
28	Lo-Vlin	0	0	15	0

Table.4-13

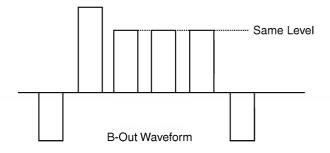
Deflection System Adjustment

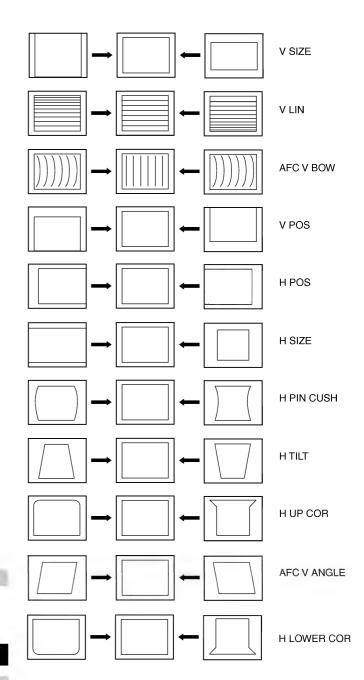
- 1. Enter into the service mode and select 'Deflection' from the menu. The 'Deflection' adjustment menu will be displayed.
- 2. Select and adjust each item to obtain the optimum image.

4-2. Volume Electrical Adjustments

Sub Colour Adjustment

- 1. Input a PAL colour bar signal.
- 2. Connect an oscilloscope to CN5400 pin 5 located on the C Board.
- 3. Enter into the 'Service Mode'.
- 4. Choose 'Backend' from the menu.
- Adjust 'Sub Colour' data so that the right sides of the waveform are of equal height.





4-3.TEST MODE 2:

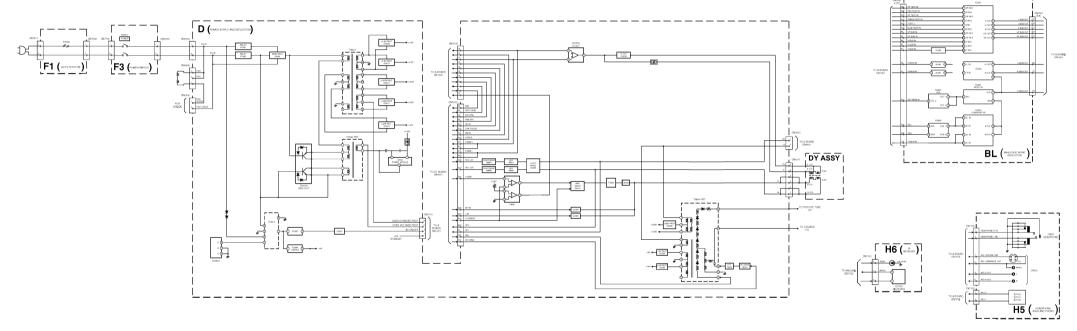
Is available by pressing the 'TEST' button twice, OSD 'TT' appears. The functions described below are available by selecting the two numbers. To release the 'Test mode 2', press 0, 10, 20 ... twice or switch the TV set into Stand-by mode. Pressing the two Local Control buttons (+ and -) during power ON will also switch into 'TT' mode.

In 'TT' mode, it is possible to remove the Menu from the screen by pressing the Speaker Off button once. Pressing the Speaker OFF button a second time will cause the Menu to reappear. The function is kept even when the menu is not displayed on screen!!.

	[
00	'TT' mode off
01	Picture maximum
02	Picture minimum
03	Set speaker/headphone Volume to 30%
04	Set speaker/headphone Volume to 50%
05	Set speaker/headphone Volume to 65%
06	Set speaker/headphone Volume to 80%
07	Ageing mode
08	Shipping Condition
10	No function Sub picture adjustment
11	· · · · · · · · · · · · · · · · · · ·
13	Sub colour adjustment
14	Display software version and TV set configeration Production Info Display
15	Picture Rotation
16	Picture level 50%
17	Audio mute on
18	No function
19	
20	Sub brightness adjustment No function
21	Destination A includes text settings, display TV status
22	Destination L includes text settings, display TV status
23	Destination E includes text settings, display TV status
24	Destination U includes text settings, display TV status
25	Destination D includes text settings, display TV status
26	Destination B includes text settings, display TV status
27	Destination K includes text settings, display TV status
28	Destination R includes text settings, display TV status
30	No function
31	Geometry Adjustment 1
32	Geometry Adjustment 2
33	Error monitor
34	No function
35	CRT 4:3 <> 16:9 ; Display TV status
36	Line 23 detection switch
37	Velocity Modulation (VM) test
38	No function
39	No function
40	No function
41	Screen mode check
42	Re-initialise geometry
43	No function
44	No function
45	No function
46	Reserved for dealer commander
47	Re-initialise NVM
48	Set NVM as non virgin
49	Set NVM as virgin
50	No function
51	Set Dolby volume to 90%
52	Dolby on left speaker only
53	Dolby on right speaker only

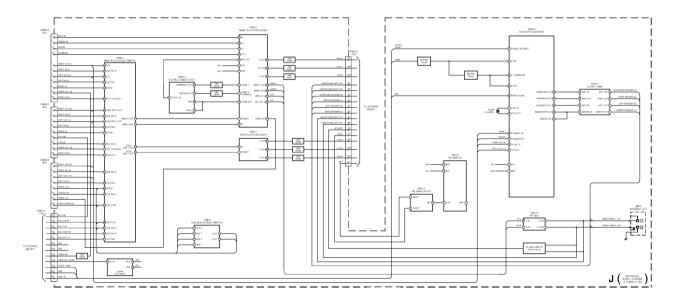
54	Dolby on left centre only			
55	Dolby on surround speaker only			
60	No function			
61	Service mode			
62	Production mode			
	Copy the picture reset data from ROM into the picture			
63	reset location of NVM			
64	Copy the actual adj picture data from NVM to reset			
	location of NVM			
65	Reset error codes			
68	Ignore error on			
69	Ignore errors off			
70	No function			
71	Copy default dates of PANORAMA chip and external PLL from ROM into NVM			
72	No function			
73	Clear all programmes except 1-5 and all station labels			
74	Adjustment for PIN Amp/Upper Corner Pin for MID, EPG and 12501 mode			
75	Adjustment for Lower Corner Pin/ Trapezoid for MID, EPG and 12501 mode			
76	Adjustment for M Pin for 12501 mode			
77	Picture Booster check			
78	No video blanking			
79	No function			
80	No function			
81	Horizontal adjustment for left picture in PAP mode, text picture in PAT mode and centre picture in INDEX mode. Adjustment is done with left and right joystick button, released by "TV" or "OK" buttons. The corresponding mode must be set before			
82	adjustment. Horizontal adjustment for right picture in PAP mode and live picture in PAT mode. Adjustment is done with left and right joystick button, released by "TV" or "OK" buttons. The corresponding mode must be set before adjustment.			
83				
86	No function			
87	Personal ID reset			
88	Parental Lock off			
89	OSD mute on/off			
90	No function			
	Focus adjustment (Focus Phase/Ext. Deflection) with			
91	left and right joystick button.			
92	Focus adjustment (DC Level/Ext. Deflection) with left and right joystick button.			
93	Reserved for software group only			
94	INDEX mode test command, released by OK or 00			
95	Dolby Low Pass Filter ON in surround channel			
96	Dolby Low Pass Filter OFF in surround channel			
97	No action			
98	No action			
99	Speaker check, released by OK or 00			

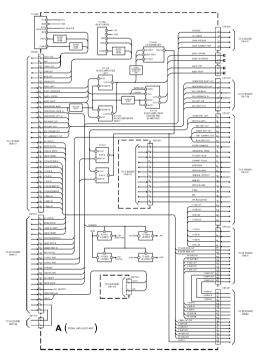
5-1. BLOCK DIAGRAMS (1)



31 32 33 34

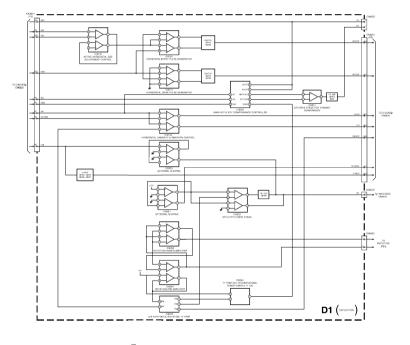
5-1. BLOCK DIAGRAMS (2)

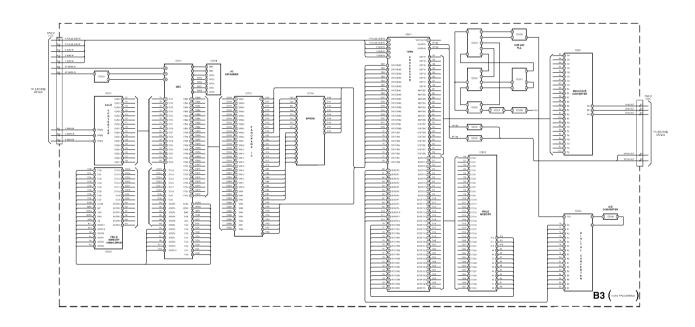




36 37

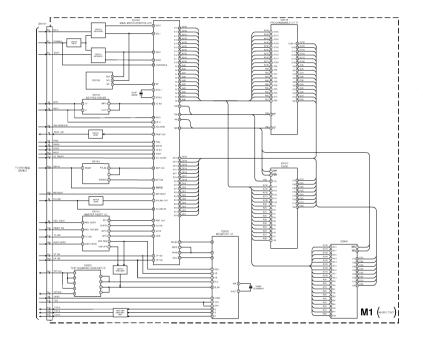
5-1. BLOCK DIAGRAMS (3)



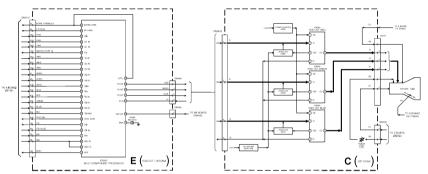


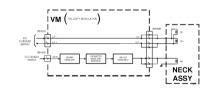
99 40 41 41 42

5-1. BLOCK DIAGRAMS (4)

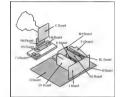


43





5-2. CIRCUIT BOARD LOCATION



- 5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

 Note :

 All capacitors are in yill writess otherwise noted.

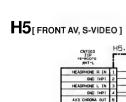
 pi : yyilf corrif or less are not indicated except for indicated in creations. Indicated in creations, with one of the control of creations, with other or her creations with other or restrict power is as indices.

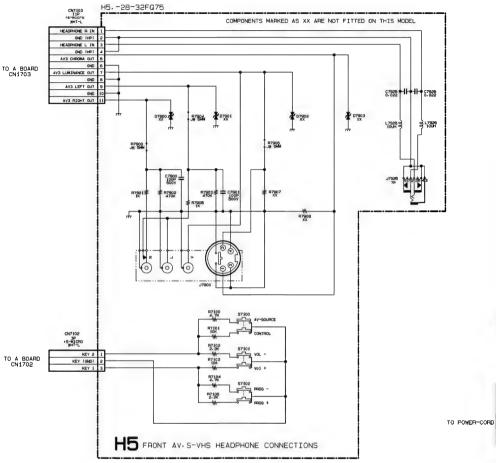
- nonflammable resistor.
- tusible resistor.

- · _____ ; earth ground.

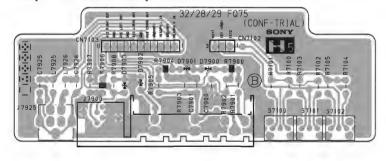
RESISTOR	RN	: METAL FILM
	RC	SOLID
	FPRD	NON FLAMMABLE CARBON
	FUSE	NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	NON FLAMMABLE CEMENT
	RW	NON FLAMMABLE WIREWOUND
	10	: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	YA	TANTALUM
	PS	STYROL
	PP	POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	HIGH TEMPERATURE
	ALR	HIGH RIPPLE

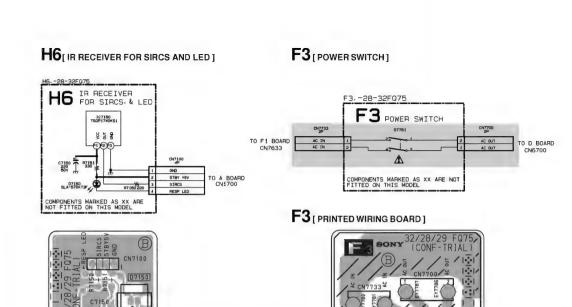
lote: The components identified by shading and marked ∆ are critical for safety. Replace only with the part numbers specified in the parts list.





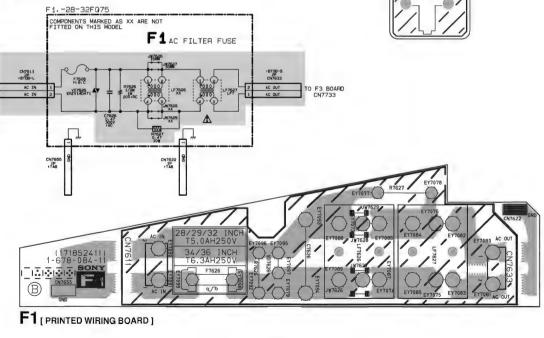
H5[PRINTED WIRING BOARD]

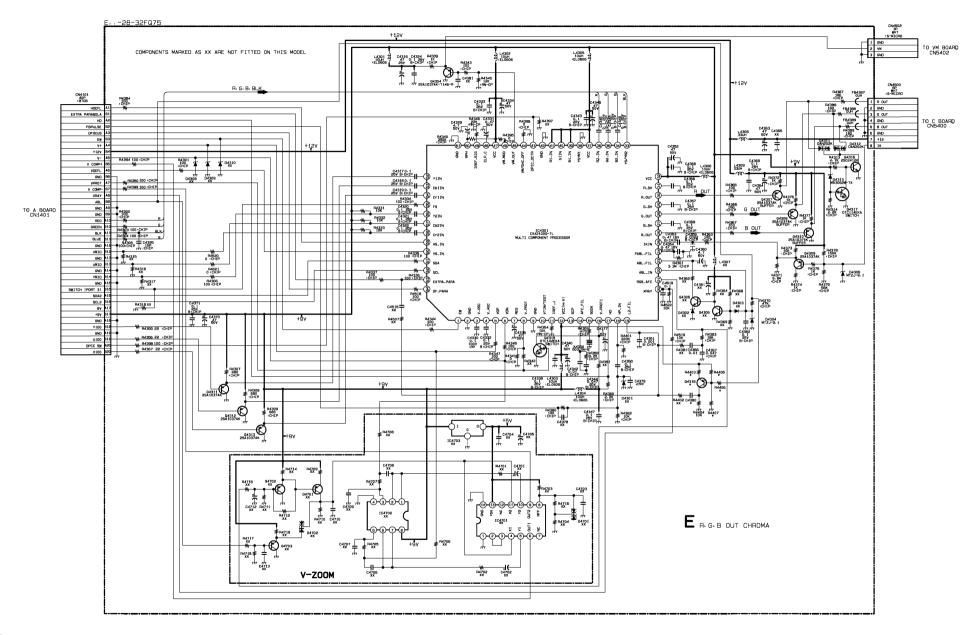




H6 PRINTED WIRING BOARD

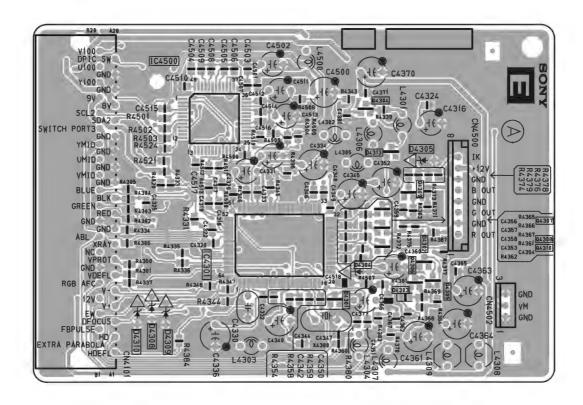
F1 [AC FILTER, FUSE]



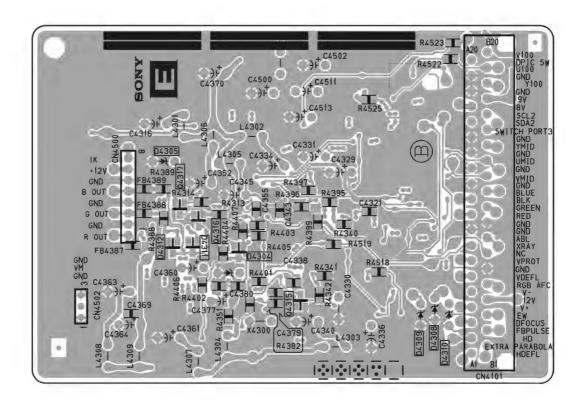


[R,G,B OUT CHROMA]

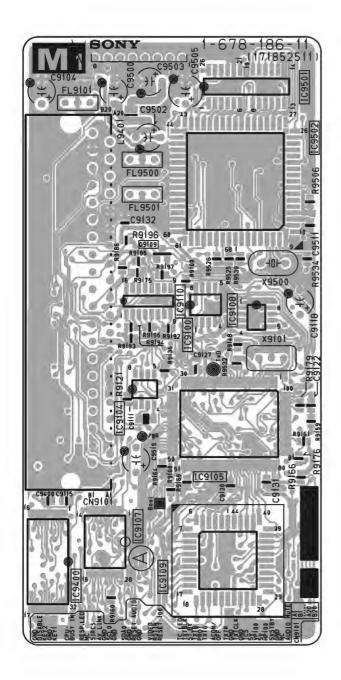
[PRINTED WIRING BOARD (A side)]

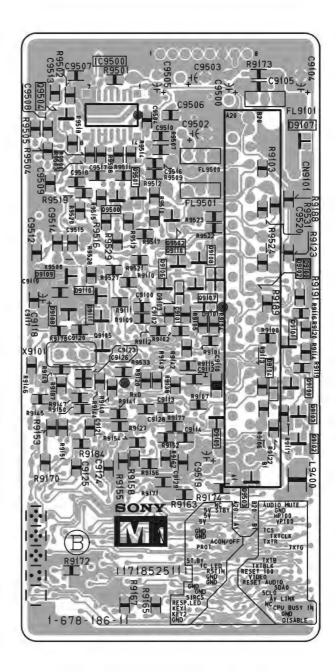


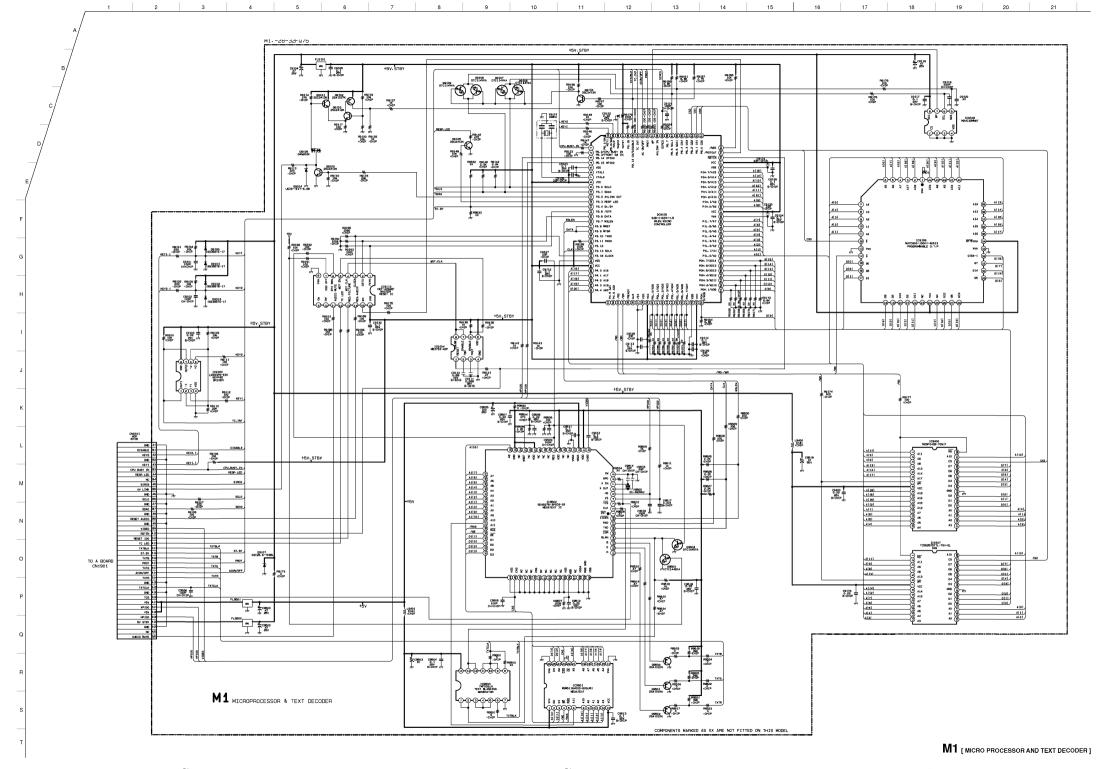
[PRINTED WIRING BOARD (B side)]

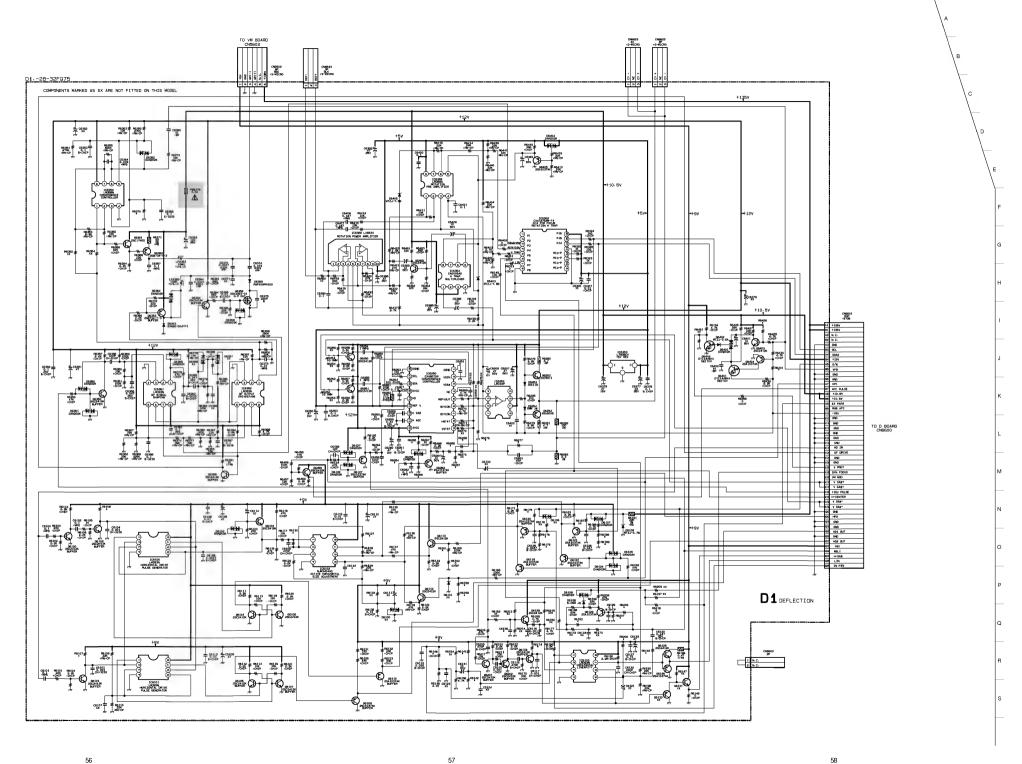


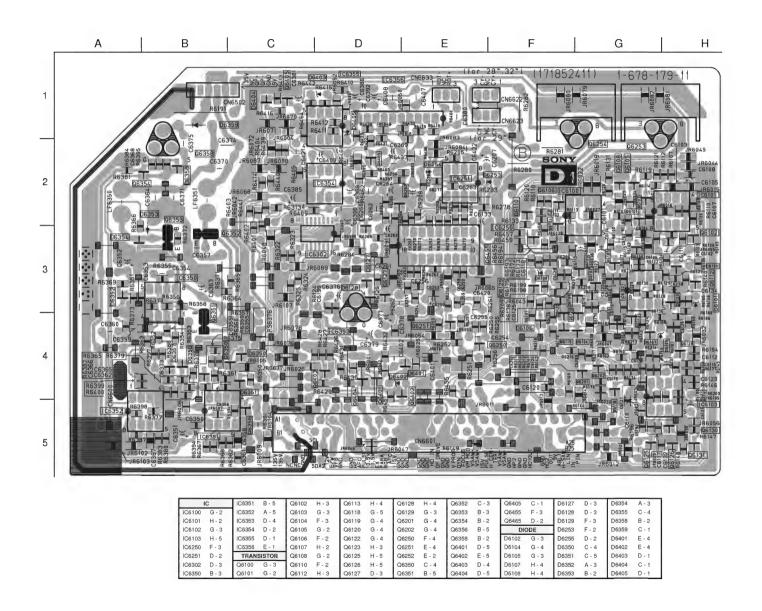
M1 [PRINTED WIRING BOARD (B side)]

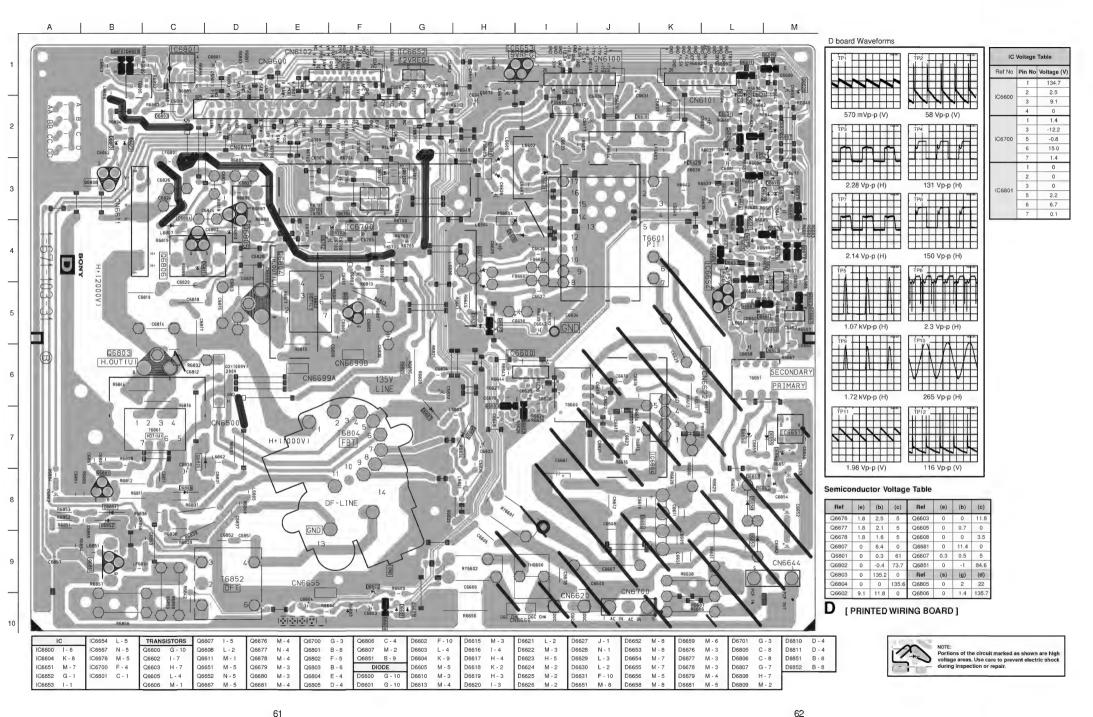


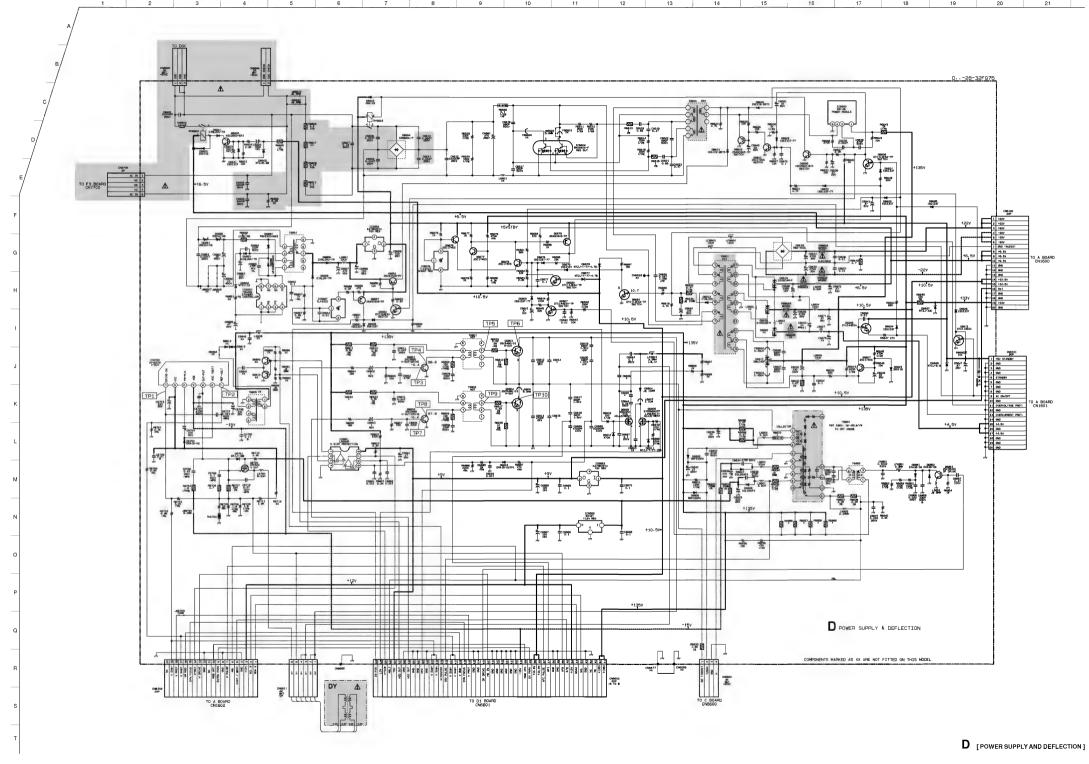


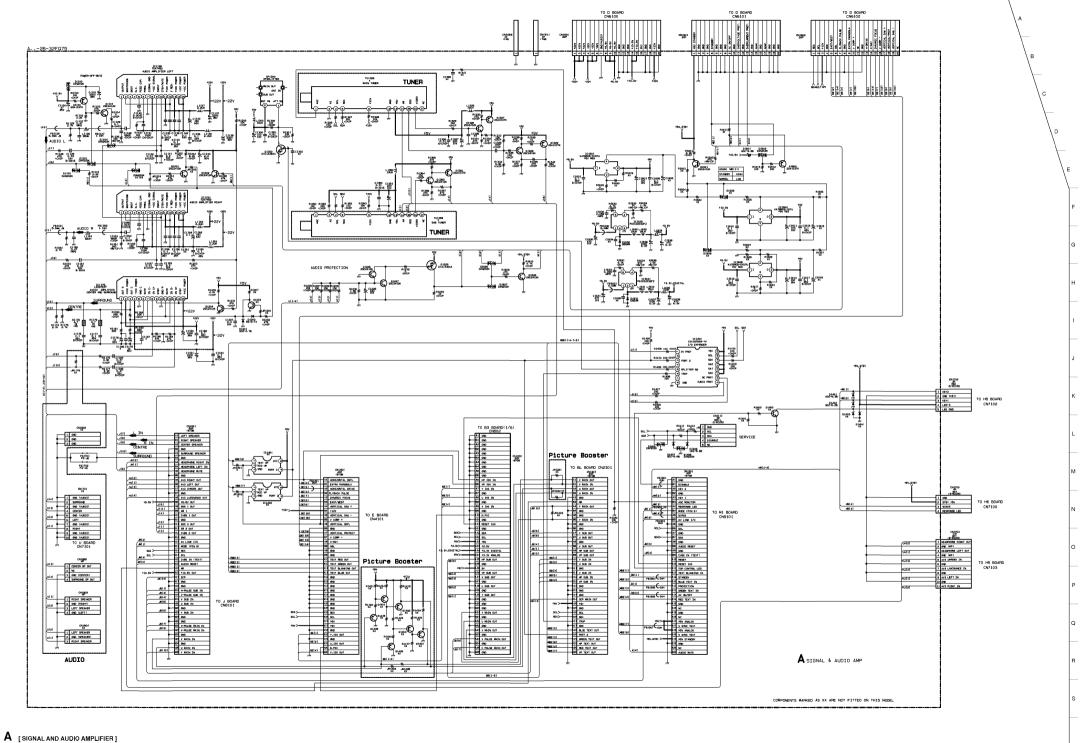












IC Voltage Table

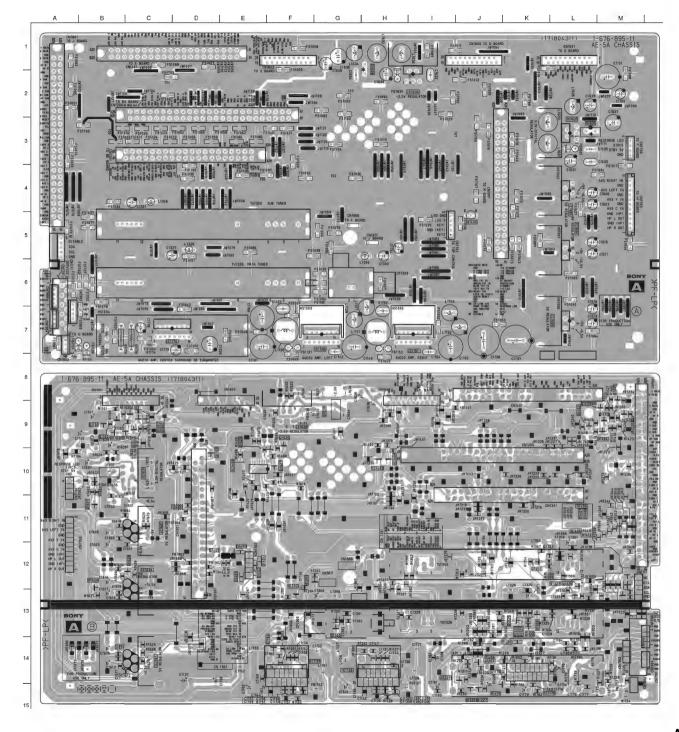
IC Voltage Table					
Ref No	Pin No	Voltage (V)			
	1	0			
1 2 3 6 6 9 10 12 12 1 2 1 2 3 3 1 1 2 1 2 9 1 1 2 1 1 2 2 1 1 1 2 1 1 1 2 1	-11				
	3 6 9 10 12 1 2 3 3 C1151 6	10			
IC1126		-19			
	9	0			
	10	4.1			
	9 (0 10 4, 12 -1 1 2 (1) 3 1, 6 -1 9 (1) 10 4, 12 -1 1 1 (2) 3 4, 6 4, 9 (2)	-11			
	1	0			
	2	-11			
	3	10			
IC1151	6	-18			
IG1151	9	0			
	10	4.1			
	12	-11			
	1	0			
	3	4.6			
	5	4.6			
IC1400	6	4.0			
101400	9	0			
	10	0			
	14	4.5			
	15	4.5			
	1	0			
	3	3			
	6	3			
	7	0			
IC1176	8	0			
1011/6	9	0			
	- 11	3			
	12	0			
	13	0			
	14	0			

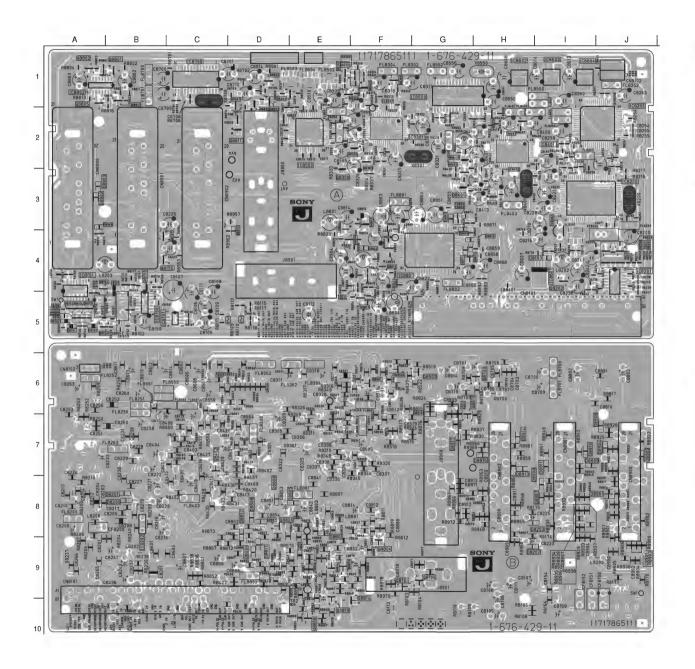
Semiconductor Location Table

- 1	С	Q1403	L - 9
IC1126	G - 7	Q1404	L - 9
IC1151	H - 7	Q1405	M - B
IC1176	C - 7	Q1406	M - 9
IC1400	E - 10	Q1601	B - 11
IC1601	L - 4	Q1602	C-9
IC1604	L - 5	Q1626	F - 9
IC1605	L - 7	DIE	ODE
IC1630	1-2	D1101	B - 9
IC1631	L - 2	D1101	B - 9
TRANS	SISTOR	D1102	B - 9
Q1100	B - 9	D1103	D - 10
Q1101	C - 9	D1104	E - 14
Q1201	F - 12	D1201	K - 13
Q1202	F - 12	D1401	E - 12
Q1204	F - 12	D1402	E - 12
Q1226	J - 15	D1405	L - 11
Q1227	J - 15	D1406	L - 11
Q1229	1 - 14	D1407	L - 11
Q1300	G - 13	D1408	L - 11
Q1326	L - 12	D1601	C - 9
Q1327	L - 12	D1602	C - 9
Q1328	K - 13	D1626	B - 12
Q1329	K - 13	D1627	F - 10
Q1401	L - 9	D1630	H - 1
Q1402	L - 9	D1631	L-3

Semiconductor Voltage Table

Ref	(e)	(b)	(c)	Ref	(e)	(b)	(c)
Q1100	10.5	10.6	0	Q1229	5	4.9	0
Q1101	0	0	2.2	Q1326	1.2	1.8	4.4
Q1201	0	0.6	0	Q1327	5	4.4	1.7
Q1202	0	0.1	21	Q1328	2.6	3.2	8.3
Q1300	0	4.6	0	Q1329	5	8.3	4.5
Q1226	0	0	4.9	Q1601	0	0	5
Q1227	0	0	4.9	Q1602	3.9	3.3	0





Semiconductor Location Table

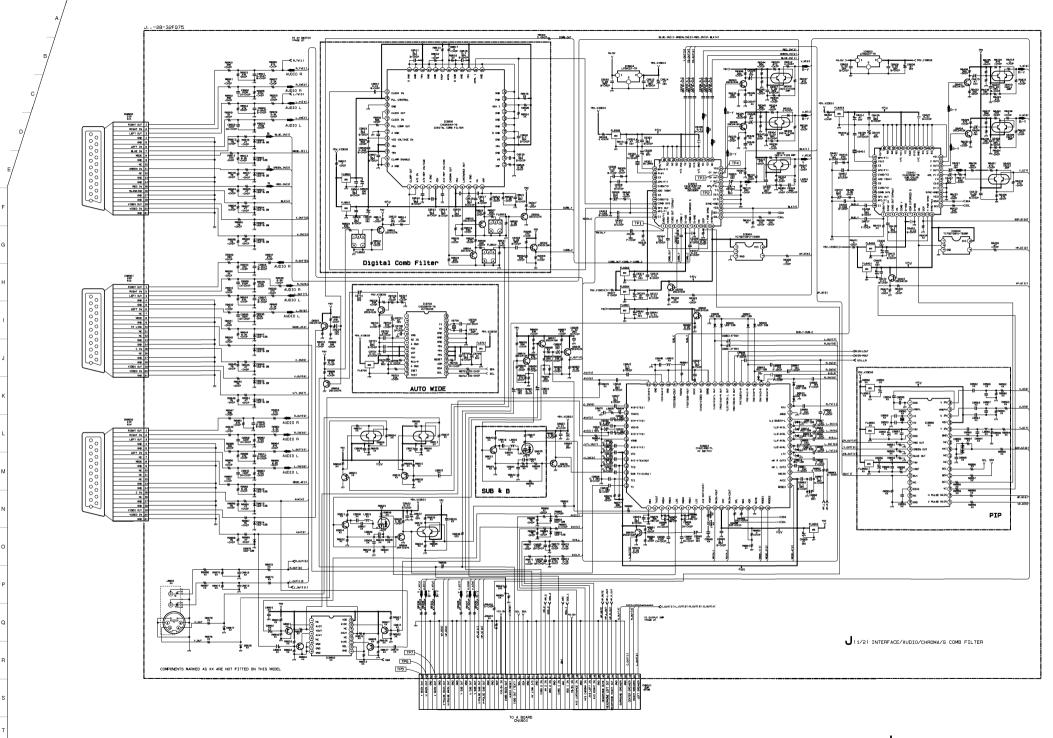
	С	Q8150	A - 5	Q8405	G - 3	D8810	G - 4
IC8101	B - 5	Q8151	A - 5	Q8408	G - 2	D8811	D - 9
IC8150	B- 5	Q8152	A - 5	Q8501	F-6	D8812	D - 8
IC8151	A - 4	Q8153	A - 5	Q8901	D - 1	D8813	G - 4
IC8200	J - 3	Q8154	A - 4	Di	ODE	D8814	G - 4
IC8201	J-4	Q8156	B - 4	D8150	A - 5	D8900	A - 3
IC8202	1 - 3	Q8157	C - 4	D8151	A - 5	D8901	J - 8
IC8301	F - 2	Q8200	J - 3	D8152	A - 5	D8902	A - 3
IC8302	F-1	Q8201	J-4	D8153	1 - 4	D8903	A - 3
IC8401	1 - 2	Q8202	1 - 4	D8200	B - 8	D8904	J - 7
IC8402	H - 2	Q8300	D - 1	D8201	B - 8	D8905	J - 7
IC8500	E - 2	Q8302	E - 1	D8202	H - 9	D8906	1 - 7
IC8550	G - 1	Q8303	F - 2	D8203	H - 8	D8907	1-8
IC8601	1 - 4	Q8305	E - 1	D8801	E - 8	D8908	1-8
IC8602	H - 1	Q8306	F - 1	D8802	F - 4	D8909	1 - 7
IC8603	1-1	Q8308	E - 3	D8803	G - 3	D8910	1-7
IC8604	1-1	Q8309	F - 1	D8804	D - 9	D8911	1 - 7
IC8700	C-1	Q8310	E - 2	D8805	D - 8	D8912	D - 3
IC8801	F - 4	Q8401	H - 2	D8806	D - 8	D8913	H - 7
TRAN	SISTOR	Q8402	C-7	D8807	D - 8	D8914	H - 7
Q8100	G-9	Q8403	H - 3	D8808	D - 8	D8915	H - 7
Q8101	F-9	Q8404	G-2	D8809	G - 3		

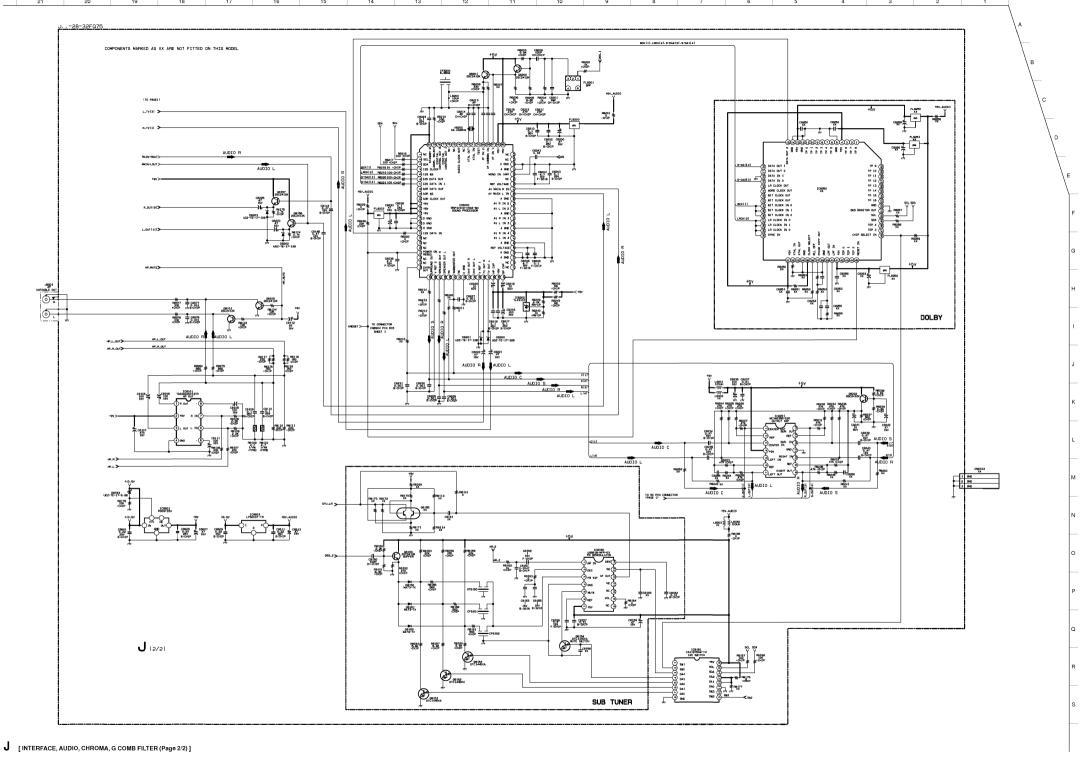
Semiconductor Voltage Table

Ref	(e)	(b)	(0)	Ref	(e)	(b)	(o)
Q8150	2.9	3.6	5.0	Q8302	1.0	1.6	9.0
Q8151	0	0.4	4.8	Q8303	1.3	1.9	7.7
Q8152	0	4.6	0	Q8305	1.3	1.9	7.3
Q8153	0	0.4	4.8	Q8306	0.1	0.1	5.0
Q8154	0	4.6	0	Q8401	0.1	0.1	5.0
Q8156	3.9	4.6	9.0	Q8404	1.2	1.9	7.4
Q8157	3.9	4.6	9.0	Q8809	2.7	2.1	0
Q8200	1.9	2.5	5.0	Q8817	3.9	4.6	9.0
Q8201	1.2	1.9	5.0	Q8901	1.9	2.5	9.0
Q8202	5.1	5.8	9.0	Ref	(8)	(9)	(d)
Q8300	1.6	1.0	0	Q8815	1.8	0	0.6

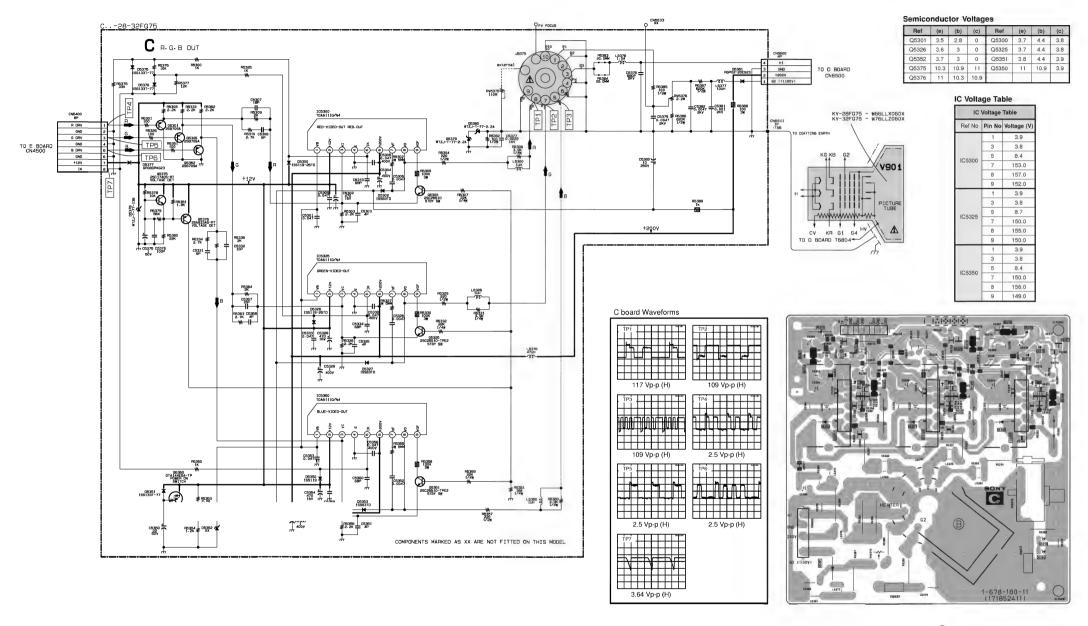
IC Voltage Table

		IC Volta	ge Table		
Ref No	Pin No	Voltage (V)	Ref No	Pin No	Voltage (
	2-3	4.7		1-2	1.5
	4-6	2.5		3	0.5
	7	0.6		6	2.6
	17	0.7		7	0.9
	21	5.0		9	1.0
	36	3.8		11	2.8
	37	3.7		12-13	1.8
	38	7.0	IC8500	14	1.0
IC8200	40	7.0		22-23	5.0
	45	3.7		26	5.0
	56-57	3.8		30	5.0
	58	2.6		37	2.4
	60	3.8		40-42	1.9
	67	0.4		44	1.9
	68-69	1.5		1	4.2
	71	2.4		3	4.1
	72	2.2	IC8101	5	0.6
	1-3	5.0		8	0.6
IC8201		0.1	_	1	
IC8201	5-10	5.0			1.8
	12-14	5.0		2-4	4.5
	1	2.4		5	0
	2	1.9	IC8801	6-7	4.6
	3	1.6		8	4.6
	5	2.4		10	3.4
	7	2.6		11	3.8
	9	0.3		13	4.5
	10	0.8		22-30	4.5
IC8301	11	2.5		32-41	4.5
IC8301	13-14	4.5		43	4.6
	20	2.4		45	3.7
	21	1.8		46	3.5
	22-23	1.9		47	4.5
	24	0.1		49	4.5
	25-27	2.5		51-80	4.5
	29	2.8		2	2.4
	37	1.1		3	4.6
	38	4.0		4 5	4.6
	2	1.9	IC8151	6	4.6
	4	0.1		7	0.4
	9	0.1		9	0.4
	10	4.0		10	2.6
	11	2.4		1	3.0
	20	2.4		2	2.5
IC8401	21	1.7		3	1.7
	22-23	1.9	IC8150	6	4.3
	37	1.1		12	2.4
	38	4.0		13	4.6
	40	3.3		14	2.5
	47	3.8			
	48	1.8			

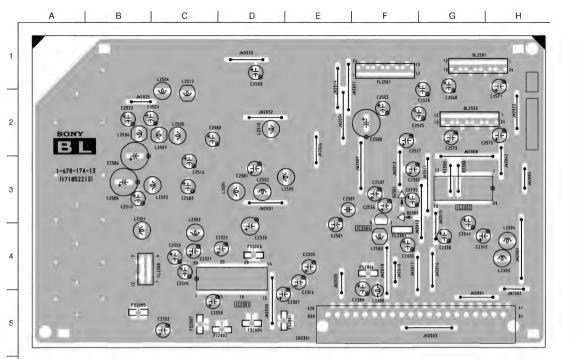


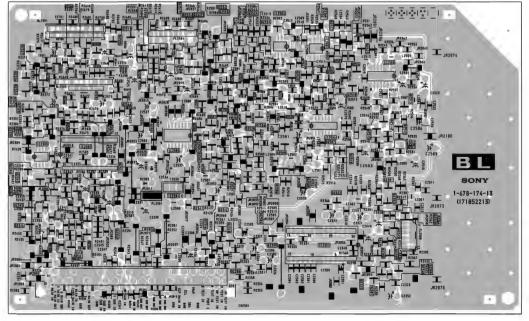


C [R, G, B OUT]



C [PRINTED WIRING BOARD]

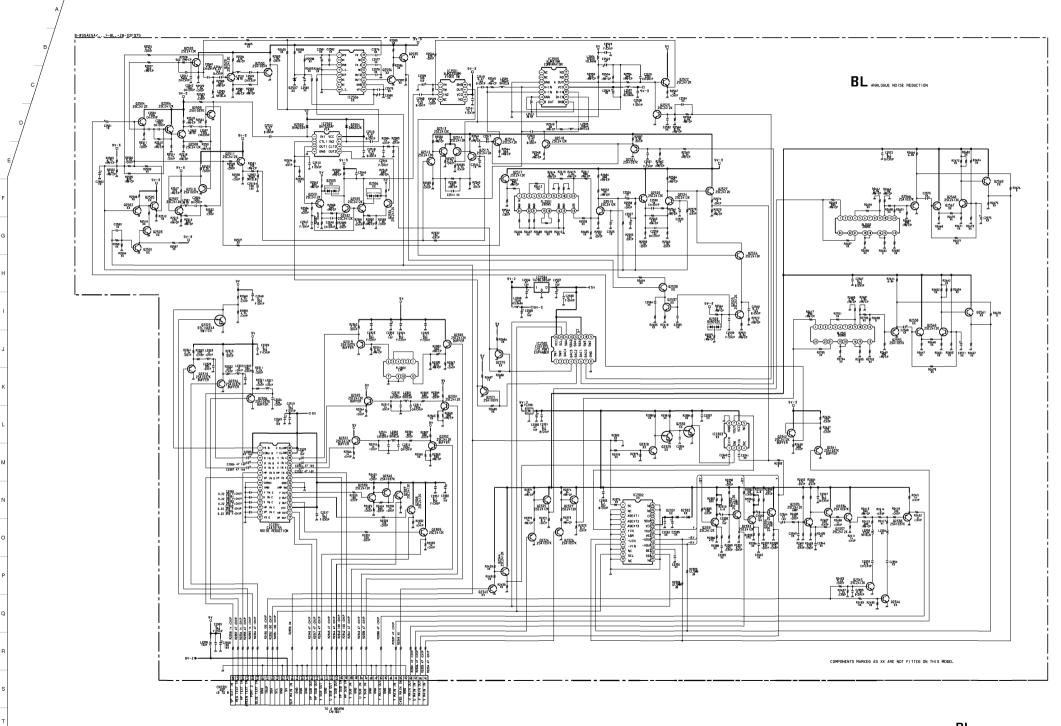


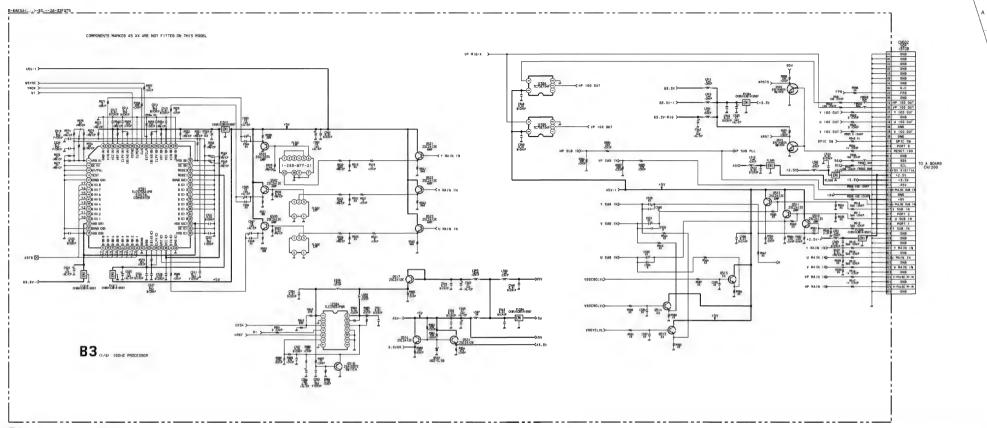


BL [PRINTED WIRING BOARD (A) SIDE)]

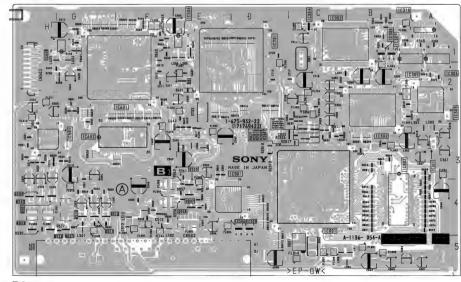
	С	Q2504	G - 13
IC2301	E-9	Q2506	G - 13
IC2501	E - 6	Q2507	H - 11
IC2502	E - 6	Q2508	H - 12
IC2503	F - 6	Q2509	G - 12
IC2504	C - 9	Q2510	I - 12
IC2505	C - 8	Q2511	J - 12
TRANS	SISTOR	Q2512	J - 11
Q2300	G - 10	Q2513	J - 11
Q2301	F - 8	Q2514	J - 11
Q2302	G - 8	Q2515	1 - 11
Q2306	D - 10	Q2516	I - 10
Q2307	F - 10	Q2517	E - 8
Q2308	F - 9	Q2518	I - 10
Q2309	E - 9	Q2519	C - 9
Q2316	C - 9	Q2520	D - 10
Q2318	D - 9	Q2521	H - 9
Q2319	G - 8	Q2522	H - 9
Q2320	G - 9	Q2523	I - 9
Q2322	F - 8	Q2524	E - 8
Q2323	F - 10	Q2525	H - 10
Q2324	A - 7	Q2526	H - 10
Q2325	A - 7	Q2527	E - 8
Q2326	A - 7	Q2528	F - 11
Q2327	A - 6	Q2529	G - 11
Q2331	B - 8	Q2530	G - 10
Q2332	B - 9	Q2531	D - 6
Q2333	B - 9	Q2532	F - 8
Q2334	A - 8	Q2533	F - 8
Q2335	B - 9	Q2534	D - 6
Q2336	B - 9	Q2555	C - 9
Q2337	B - 9	Q2566	C - 10
Q2338	B - 9	Q2568	
Q2339	G - 9	Q2571	E - 10
Q2340	G - 9		ODE
Q2341	C - 9	D2502	G - 9
Q2342	D - 9		
Q2344	A - 8	D2504	G - 9
Q2345	A - 9		

BL [PRINTED WIRING BOARD (B) SIDE)]

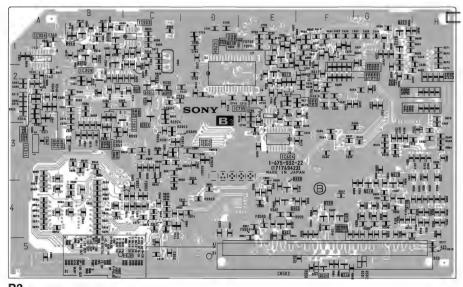




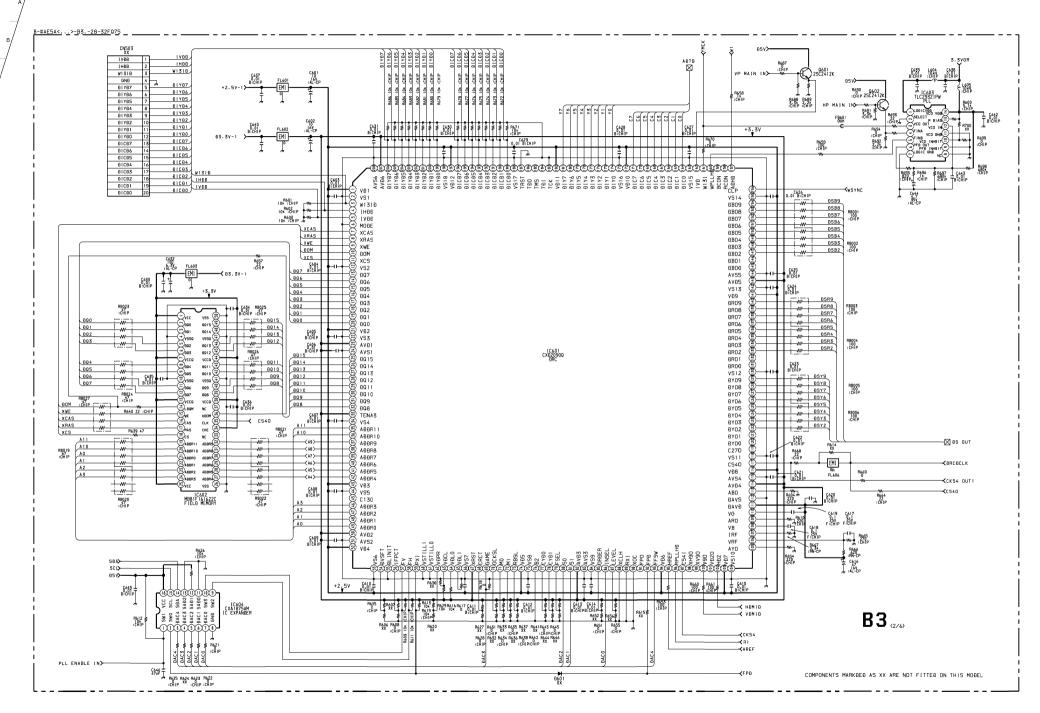
B3[100Hz PROCESSING (Page 1/6)]

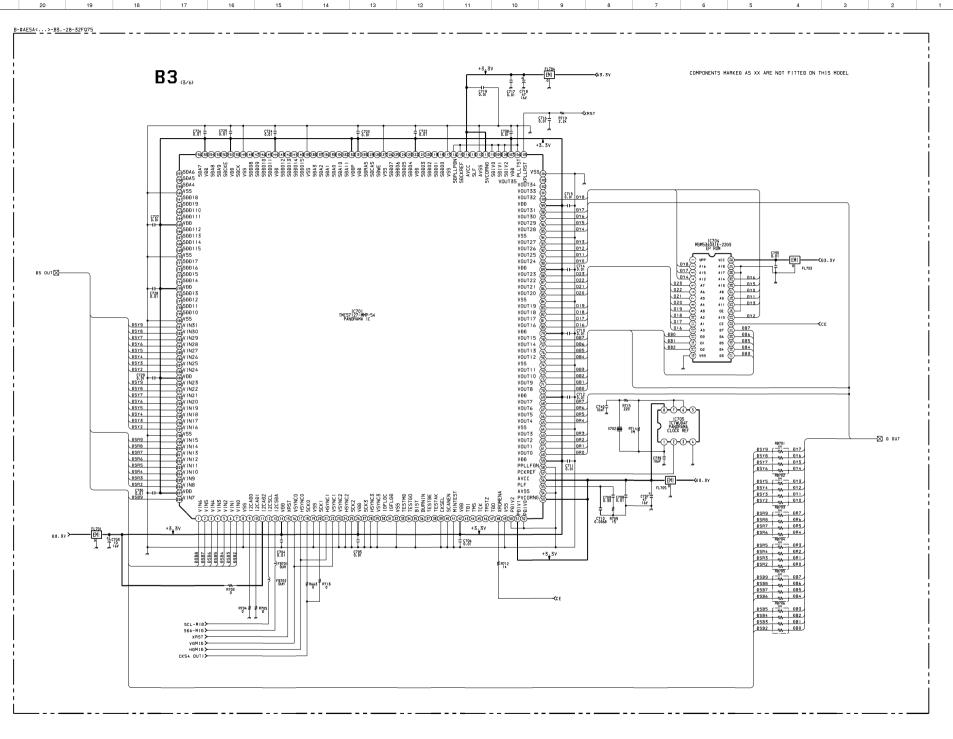


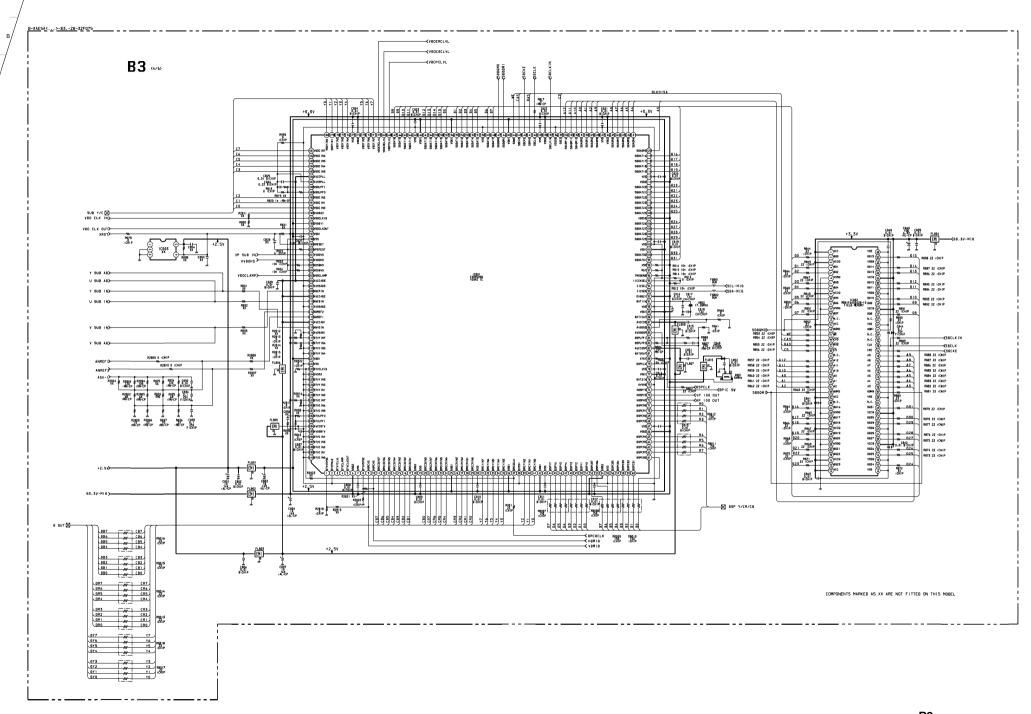
B3[PRINTED WIRING BOARD [A] SIDE]

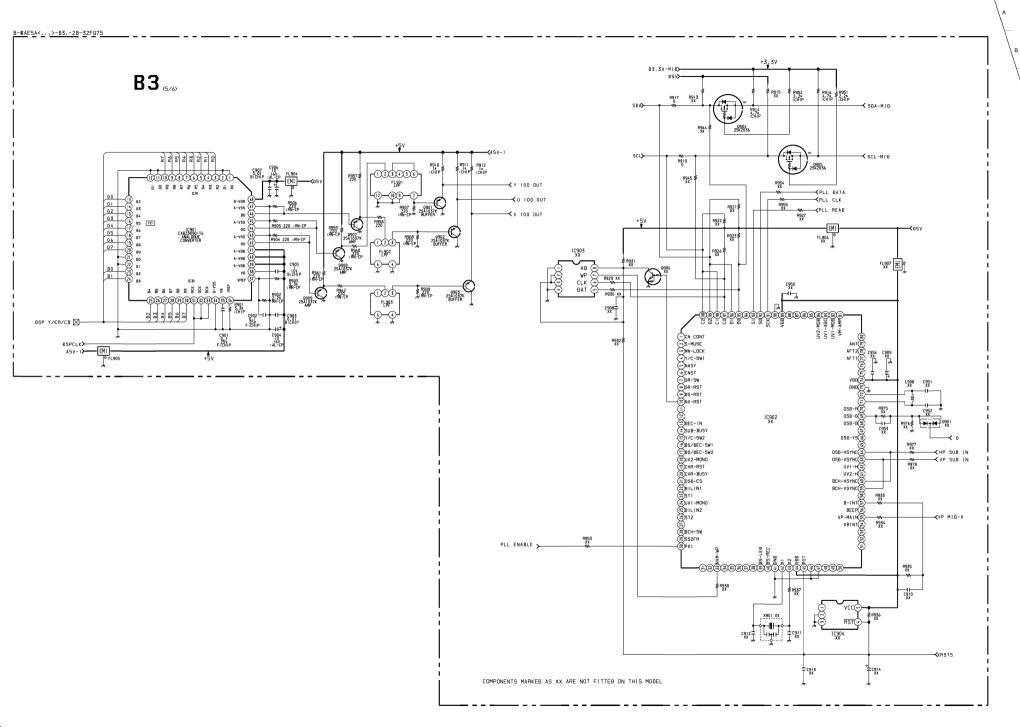


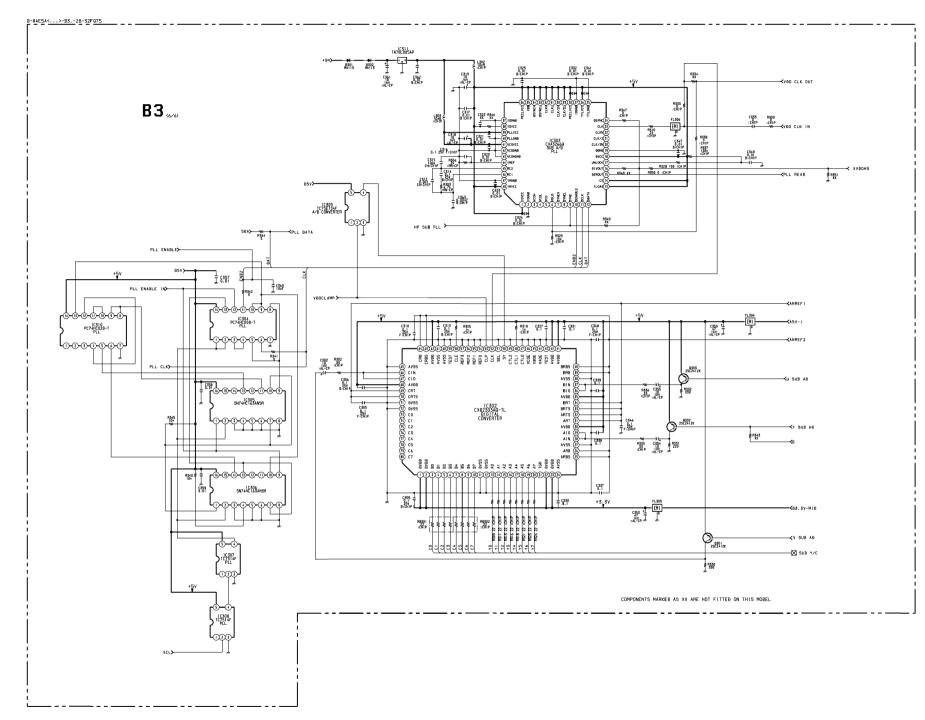
B3[PRINTED WIRING BOARD[B]SIDE]



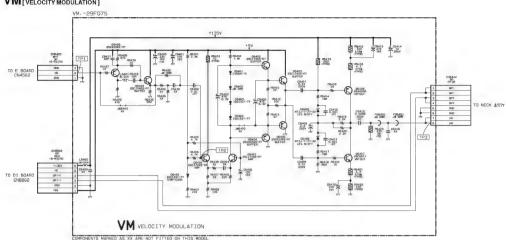


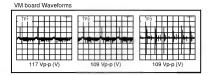






VM[PRINTED WIRING BOARD]





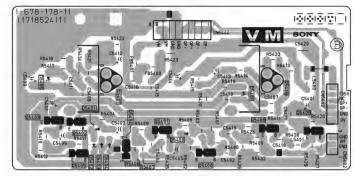
Semiconductor Voltage Table

Ref	(e)	(b)	(c)
Q5400	0.9	1.5	9.0
Q5401	1.0	1.6	5.2
Q5402	6.0	6.6	9.0
Q5403	5.9	6.0	9.0
Q5404	5.2	5.9	0
Q5405	5.9	5.8	0
Q5406	135.1	134.6	68.2
Q5407	0.8	1.4	68.2
Q5408	7.6	6.9	1.4
Q5409	6.9	7.5	9.0

STV9379

TC4S69F

C 5



U2860B-BFPG3

BC546B

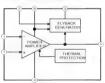
RF199

BF199-AMMO

888888









J BOARD IC8101 TDA2822D







CXA1875AM-T4 HE4094BT MC14052BDB2 MC74F157ADR2

SN74LS221D 74HCT4046AD/S470

ÄBBBBBBB

#######

(TOP VIEW)

CXD2053S

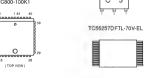
TDA4780/V3





MSP3410D-QA-B4

SAA7185WP SDA5273P-C134-GEG





TDA7309D013TR

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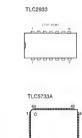
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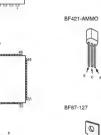
(TOP VIEW)

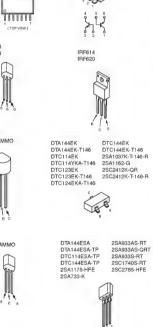
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MSM534031F3Y-Z

TDA9144/N2







IMZ1A-T109

2SC2500-B

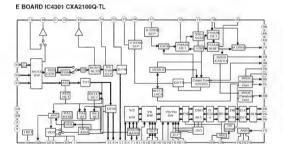
2SC2688-LK 2SC3840K

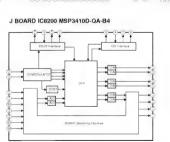
2SC3997CA

2SC4793

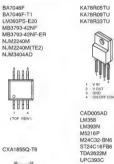
2SC2551-O 2SC2551O-TPE2







5-4 SEMICONDUCTORS





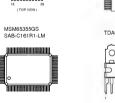




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TEA6422DT

TDA9320H-N1-518











DAN202K DAN202K-T-146



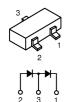


DAP202K DAP202K-T-146





DA204K DA204K-T-146



RGP02-20EG23

RGP10GPKG23 RGP15GPKG23

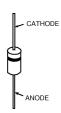
S2LA20F

1SS83TD

1SS83

1SS133T-77

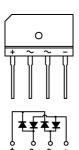
D1NL20-TA D1NL20U-TR D1NS4-TR EGP20G EL1Z GP08D GP08DPKG23 R2K-V1



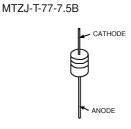
D10SC4M-F D10SC6M



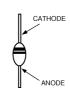
D4SB60L D4SB60L-F RBA-402L



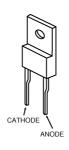
ERA38-06TP1 ERA82-004TP1 GP08DPKG23 MTZJ-T-77-12 MTZJ-T-77-15 MTZJ-T-77-2-2A MTZJ-T-77-3-3B MTZJ-T-77-3-6A MTZJ-T-77-4.7B MTZJ-T-77-5-6B MTZJ-T-77-6.8 MTZJ-T-77-9.1 MTZJ-T-77-12 MTZJ-T-77-22 MTZJ-33C RD5.6ESB2 RD9.1ESB2 PGKE200AG23 1SS119-25 1SS119-25TD



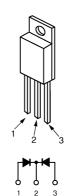
ERC04-06SE



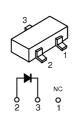
ERD08M-15



ESAC39M-06C ESAC39M-06CF38



MA3033-L MA3033L-TX MA3056M-TX MA3062M-TX MA3030-H-(TX)



MA3051L-TX



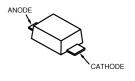
MA73-TX



1SS355TE-17 RD12SB2 UDZ-TE-17-3.9B UDZ-TE-17-4.7B UDZ-TE-17-6.2B UDZ-TE-17-6.8B UDZ-TE-12B



UF4005PKG23



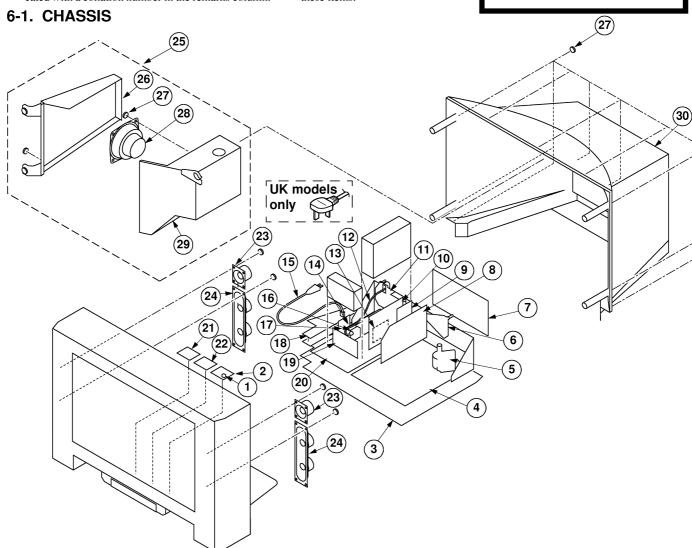
SECTION 6 EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.

Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items. Note: Les composants indentifies par une trame et par une marque △ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

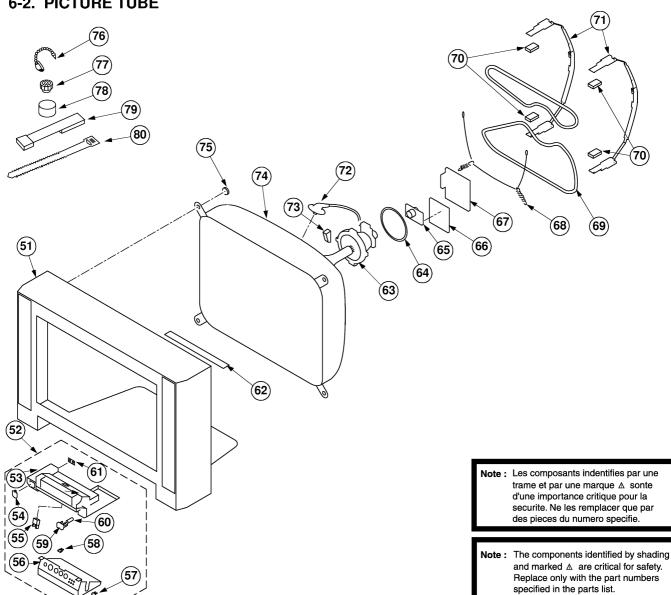
Note: The components identified by shading and marked ∆ are critical for safety. Replace only with the part numbers specified in the parts list.



REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO		PART.NO	DESCRIPTION	REMARK
1 🛕	1-571-433-31	SWITCH, PUSH (AC	POWER)	11		*4-204-477-03	BRACKET, J2	
2	*A-1624-085-A	F3 BOARD, COMPLE	TE .	12		1-790-082-11	CABLE, RF	
3	*4-205-196-12	MAIN BRACKET (AE	-5A)	13		*A-1620-128-A	BL BOARD, COMPLE	ETE
4	*A-1640-328-A	D BOARD, COMPLET	E (KV-28FQ75)	14		*1-555-716-51	CABLE, PIN	
	*A-1640-323-A	D BOARD, COMPLET	E (KV-32FQ75)	15	Δ	1-792-389-11	CORD, POWER (WIT	TH CONNECTOR)
5 Δ	1-453-340-11	TRANSFORMER ASSY	, FLYBACK (NX-4522//U214)					A/28FQ75B/28FQ75D/28FQ75E/ A/32FQ75B/32FQ75D/32FQ75E)
6	*4-204-476-03	BRACKET, J1			Δ	1-792-592-11	CORD POWER (WIT	H PLUG)
7	*A-1651-133-A	J BOARD, COMPLET	0				(KV-28FQ750	J/32FG75U)
8	*A-1640-382-A	D1 BOARD, COMPLE	TE (KV-28FQ75)					
	*A-1640-385-A	D1 BOARD, COMPLE	TE (KV-32FQ75)					
9	*A-1640-383-A	E BOARD, COMPLET	E (KV-28FQ75)	16		1-693-338-21	MAIN TUNER/VIF (A	AEP)
	*A-1640-384-A	E BOARD, COMPLET	E (KV-32FQ75)				(KV-28FQ751	A/28FQ75D/28FQ75E/
10	*A-1620-130-A	B3 BOARD, COMPLE	re				KV-32FQ75	A/32FQ75D/32FQ75E)

REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
	1 602 240 01	WATE	/IEI 00002ED (20002ED)	04	1 540 400 11	CDEAVED (OAVA OOM)	
	1-693-340-21		(KV-28FQ75B/32FQ75B)	24	1-542-436-11	SPEAKER (24X4.2CM)	
	1-693-339-21	MAIN TUNER/VIF(UK)	(KV-28FQ75U/32FQ75U)	25	*A-1678-192-A	WOOFER ASSY (SP)	26-29
17	1-693-338-21	SUB TUNER/VIF(AEP)		26	4-204-775-21	BAFFLE, WOOFER	
		(KV-28FQ75A/2	8FQ75D/28FQ75E/	27	4-039-358-01	SCREW (4X16), (+)	BV TAPPING
		KV-32FQ75A/3	2FQ75D/32FQ75E)	28	1-529-417-11	SPEAKER (8CM)	
	1-693-340-21	SUB TUNER/VIF(FR)	(KV-28FQ75B/32FQ75B)	29	4-204-776-21	BOX, WOOFER	
	1-693-339-21	SUB TUNER/VIF(UK)	(KV-28FQ75U/32FQ75U)	30	4-205-544-01	COVER, REAR (KV-28	3FQ75)
18	*A-1624-086-A	F1 BOARD, COMPLETE			4-205-272-01	REAR COVER (KV-32	PFQ75)
19	*A-1634-054-A	M1 BOARD, COMPLETE					
20	*A-1631-094-A	A BOARD, COMPLETE					
		(KV-28FQ75A/2	8FQ75D/28FQ75E/				
		KV-32FQ75A/3	2FQ75D/32FQ75E)				
	*A-1631-098-A	A BOARD, COMPLETE	(KV-28FQ75B/32FQ75B)				
	*A-1631-102-A	A BOARD, COMPLETE	(KV-28FQ75U/32FQ75U)				
21	*A-1646-210-A	H5 BOARD, COMPLETE					
22	*A-1646-211-A	H6 BOARD, COMPLETE					
23	1-542-437-11	TWEETER (2CM)					





	•				
REF. NO.	. PART.NO	DESCRIPTION REMARK	REF. NO.	PART.NO	DESCRIPTION REMARK
51	X-4200-609-1	BEZNET ASSY (KV-28FQ75)	64	1-419-363-11	COIL, NA ROTATION
	X-4200-576-1	BEZNET ASSY (KV-32FQ75)	65 A	8-453-011-11	NECK ASSY, (NA299-M)
52	A-1610-072-A	FRONT CONTROL ASSY 53-61	66	*A-1644-108-A	VM BOARD, COMPLETE
53	*4-205-558-11	BRACKET, CONTROL	67	*A-1638-139-A	C BOARD, COMPLETE
54	4-205-561-11	WINDOW, ORNAMENTAL	68	4-200-433-01	SPRING, EXTENSION
55	4-047-464-01	CATCHER, PUSH	69 △	1-416-466-11	COIL, DEMAGNETIC (KV-28FQ75)
56	*4-205-559-11	BRACKET DOOR	Δ	1-416-769-11	COIL, DEMAGNETIC (KV-32FQ75)
57	3-022-410-01	DAMPER	70	4-203-390-41	CUSHION, DGC
58	3-703-035-11	SHAFT, LID	71	*4-057-308-01	HOLDER, DGC (KV-28FQ75)
59	4-205-560-11	BUTTON, POWER		*4-059-569-01	HOLDER, DGC (KV-32FQ75)
60	4-202-964-11	SPRING	72 A	1-251-807-22	CAP ASSY, HIGH-VOLTAGE
61	4-205-562-11	GUIDE, LIGHT	73	4-203-658-01	SPACER, DY
62	4-204-636-01	SHEET, BLOTTING	74 🛆	8-737-786-05	PICTURE TUBE (W66LLX060X) (KV-28FQ75)
63	△ 1-451-481-11	DEFLECTION YOKE (Y28RVC2) (KV-28FQ75)	Δ	8-735-054-05	PICTURE TUBE (W76LLX060X) (KV-32FQ75)
	△ 1-451-480-11	DEFLECTION YOKE (Y32RVC2) (KV-32FQ75)			

REF. NO.	PART.NO	DESCRIPTION	REMARK	F	REF. NO.	PART.NO	DESCRIPTION	REMARK
75	4-036-188-12	SCREW, TAPPING (K	V-28F075)	-	78	1-452-032-00	MAGNET, DISK; 10	MM
73		PT-SCREW (KV-32FQ	~ ~ /		79	X-4387-214-1	PERMALLOY ASSY,	
76	4-308-870-00	CLIP, LEAD WIRE		8	30	3-701-007-00	BAND, BINDING	
77	1-452-094-00	MAGNET, ROTATABLE	DISK; 15MM					

SECTION 7 ELECTRICAL PARTS LIST

PARTS LISTING TABLE OF CONTENTS

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F3 BOARD COMPLETE Parts List :		114
H5 BOARD COMPLETE Parts List:		114
H6 BOARD COMPLETE Parts List:		114
BL BOARD COMPLETE Parts List		114
B3 BOARD COMPLETE Parts List:		119
F1 BOARD COMPLETE Parts List :		126
A BOARD COMMON Parts List:	Parts common to all models listed in this manual	126
A BOARD VARIANT Parts List :	Parts that belong only to the model specified	
<u>Model</u>		
KV-28FQ75A/28FQ75D	/28FQ75E/32FQ75A/32FQ75D/28FQ75E	129
KV-28FQ75B/32FQ75B		129
KV-28FQ75U/32FQ75L		130
M1 BOARD COMPLETE Parts List		130
C BOARD COMPLETE Parts List:		132
D BOARD COMMON Parts List:	Parts common to all models listed in this manual	134
D BOARD VARIANT Parts List :	Parts that belong only to the model specified	
Model		
KV-28FQ75		138
KV-32FQ75		138
E BOARD COMMON Parts List:	Parts common to all models listed in this manual	138
E BOARD VARIANT Parts List :	Parts that belong only to the model specified	
<u>Model</u>		
KV-32FQ75		140
D1 BOARD COMMON Parts List :	Parts common to all models listed in this manual	140
D1 BOARD VARIANT Parts List :	Parts that belong only to the model specified	
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KV-28FQ75		144
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MISCELLANEOUS:		154
ACCESSORIES AND PACKAGING	MATERIALS :	15/

Note: Refer to the designated variant parts list when seeking a part indicated by an asterisk (*)

Parts indicated (#) on the Schematic Diagram are not used in this model and therefore do not appear in the Parts List.



S7100

1-771-947-11 SWITCH, TACTILE

The components identified by shading and marked ♠ are critical for safety
Replace only with the part number

specified. REF. NO. PART.NO DESCRIPTION REMARK REF. NO. PART.NO DESCRIPTION REMARK S7101 1-771-947-11 SWITCH, TACTILE *A-1624-085-A F3 Board, Complete S7102 1-771-947-11 SWITCH, TACTILE < CONNECTOR > *A-1646-211-A H6 Board, Complete CN7700 A *1-695-292-11 PIN, CONNECTOR (POWER) CN7733 △ *1-580-844-11 PIN, CONNECTOR (POWER) < CAPACITOR > < SWITCH > C7150 1-126-969-11 ELECT 220UF 20.00% 50V S7751 A 1-571-433-31 SWITCH, PUSH (AC POWER) < CONNECTOR > *A-1646-210-A H5 Board, Complete CN7100 *1-564-519-11 PLUG, CONNECTOR 4P < CAPACITOR > < DIODE > C7900 1-101-810-00 CERAMIC 100PF 5.00% 500V D7125 *4-203-258-11 HOLDER, LED 5.00% 500V D7150 8-719-030-11 DIODE SLA-570KT3F C7901 1-101-810-00 CERAMIC 100PF C7925 1-137-372-11 MYLAR 0.022UF 5.00% 50V C7926 1-137-372-11 MYLAR 0.022UF 5.00% 50V < TC > < CONNECTOR > IC7150 8-749-014-59 IC TSOP1740KS1 *1-564-518-11 PLUG, CONNECTOR 3P < RESISTOR > CN7102 CN7103 *1-564-526-11 PLUG, CONNECTOR 11P R7150 1-247-815-91 CARBON 1/4W 220 5% < SOCKET > R7151 1-249-411-11 CARBON 1/4W 330 5% J7900 1-794-442-11 TERMINAL BLOCK (LIGHT ANGLE),S *A-1620-128-A **BL Board, Complete** J7925 1-785-448-11 JACK < CAPACITOR > < COIL > 1-164-222-11 CERAMIC CHIP 0.22UF C2300 25V 1-414-183-41 INDUCTOR L7925 10UH C2301 1-164-222-11 CERAMIC CHIP 0.22UF 25V L7926 1-414-183-41 INDUCTOR 10UH C2302 1-164-222-11 CERAMIC CHIP 0.22UF 25V C2303 1-164-222-11 CERAMIC CHIP 0.22UF 25V < RESISTOR > C2304 1-164-222-11 CERAMIC CHIP 0.22UF 25V R7100 1-249-425-11 CARBON 1/4W 4.7K 5% C2305 1-104-664-11 ELECT 47UF 20.00% 16V R7101 1-249-429-11 CARBON 10K 5% 1/4W C2306 1-104-664-11 ELECT 47UF 20.00% 16V 1-249-421-11 CARBON 2.2K 5% R7102 1/4WC2307 1-104-664-11 ELECT 47UF 20.00% 16V R7103 1-249-429-11 CARBON 10K 5% 1/4W C2308 1-126-933-11 ELECT 100UF 20.00% 16V R7104 1-249-425-11 CARBON 4.7K 5% 1/4W C2309 1-163-038-91 CERAMIC CHIP 0.1UF 25V R7105 1-249-421-11 CARBON 2 2K 5% 1/4WC2310 1-163-038-91 CERAMIC CHIP 0.1UF R7900 1-535-303-00 LEAD, JUMPER (5.0MM) C2311 1-163-259-91 CERAMIC CHIP 220PF 5.00% 50V R7901 1-249-417-11 CARBON 1K 5% 1/4W C2312 1-163-259-91 CERAMIC CHIP 220PF 5.00% 50V R7902 1-247-895-91 CARBON 470K 5% 1/4W C2313 1-163-259-91 CERAMIC CHIP 220PF 5.00% 50V R7903 1-247-895-91 CARBON 470K 5% 1/4W 1-163-259-91 CERAMIC CHIP 220PF 5.00% 50V C2314 R7904 1-535-303-00 LEAD, JUMPER (5.0MM) C2317 1-163-038-91 CERAMIC CHIP 0.1UF 25V R7905 1-249-417-11 CARBON 1K 1/4W C2320 1-104-664-11 ELECT 47UF 20.00% 16V 1-535-303-00 LEAD, JUMPER (5.0MM) R7906 C2321 1-104-664-11 ELECT 47UF 20.00% 16V 1-104-664-11 ELECT C2322 47UF 20.00% 16V < SWITCH > C2323 1-163-038-91 CERAMIC CHIP 0.1UF 25V

C2324

1-163-038-91 CERAMIC CHIP 0.1UF

25V



REF. NO.	PART.NO	DESCRIPTIO	N	RE	MARK	REF. NO.	PART.NO	DESCRIPTION	R	EMARK
C2325	1-163-038-91	CERAMIC CHIP	0.1UF		25V	C2536	1-104-664-11	ELECT	47UF 20.00	% 16V
C2326	1-163-105-00	CERAMIC CHIP	33PF	5.00%	50V	C2537	1-104-664-11	ELECT	47UF 20.00	% 16V
C2327	1-163-105-00	CERAMIC CHIP	33PF	5.00%	50V	C2538	1-165-319-11	CERAMIC CHIP	0.1UF	50V
C2328	1-163-105-00	CERAMIC CHIP	33PF	5.00%	50V	C2539	1-165-319-11	CERAMIC CHIP	0.1UF	50V
C2329	1-163-038-91	CERAMIC CHIP	0.1UF		25V	C2540	1-107-823-11	CERAMIC CHIP	0.47UF 10.00	% 16V
C2330	1-104-664-11	ELECT	47UF	20.00%	16V	C2541	1-163-135-00	CERAMIC CHIP	5.00%	50V
C2331	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V	C2542	1-163-255-11	CERAMIC CHIP	150PF 5.00%	50V
C2332	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V	C2543	1-163-133-00	CERAMIC CHIP	470PF 5.00%	50V
C2338	1-104-664-11	ELECT	47UF	20.00%	16V	C2544	1-107-823-11	CERAMIC CHIP	0.47UF 10.00	% 16V
C2342	1-104-664-11	ELECT	47UF	20.00%	16V	C2545	1-163-113-00	CERAMIC CHIP	68PF 5.00%	50V
C2344	1-104-664-11	ELECT	47UF	20.00%	16V	C2546	1-165-319-11	CERAMIC CHIP	0.1UF	50V
C2347	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V	C2547	1-165-319-11	CERAMIC CHIP	0.1UF	50V
C2348	1-163-038-91	CERAMIC CHIP	0.1UF		25V	C2548	1-163-227-11	CERAMIC CHIP	10PF 0.50P	F 50V
C2349	1-104-664-11	ELECT	47UF	20.00%	16V	C2550	1-163-229-11	CERAMIC CHIP	12PF 5.00%	50V
C2350	1-104-664-11	ELECT	47UF	20.00%	16V	C2567	1-164-004-11	CERAMIC CHIP	0.1UF 10.00	% 25V
C2351	1-163-038-91	CERAMIC CHIP	0.1UF		25V	C2572	1-164-004-11	CERAMIC CHIP	0.1UF 10.00	% 25V
C2352	1-104-664-11	ELECT	47UF	20.00%	16V					
C2353	1-163-237-11	CERAMIC CHIP	27PF	5.00%	50V		< CONNECT	OR >		
C2355	1-163-021-91	CERAMIC CHIP	0.01UF	10.00%	50V					
C2501	1-126-964-11	ELECT	10UF	20.00%	50V	CN2301	1-695-301-11	CONNECTOR, BOX	ARD TO BOARD 40P	
C2502	1-126-964-11	ELECT	10UF	20.00%	50V		< DIODE >			
C2504	1-163-255-11	CERAMIC CHIP	150PF	5.00%	50V					
C2505	1-163-255-11	CERAMIC CHIP	150PF	5.00%	50V	D2502	8-719-914-43	DIODE DAN202K	-T-146	
C2506	1-163-253-11	CERAMIC CHIP	120PF	5.00%	50V	D2503	8-719-914-43	DIODE DAN202K	-T-146	
C2507	1-163-253-11	CERAMIC CHIP	120PF	5.00%	50V	D2504	8-719-914-43	DIODE DAN202K	-Т-146	
C2508	1-107-823-11	CERAMIC CHIP	0.47UF	10.00%	16V		< DELAY L	INE >		
C2509	1-126-933-91	ELECT	100UF	20.00%	16V					
C2510	1-126-933-91	ELECT	100UF	20.00%	16V	DL2501	1-234-515-11	FILTER, LOW PA	ASS	
C2511	1-165-319-11	CERAMIC CHIP	0.1UF		50V	DL2502	1-234-515-11	FILTER, LOW PA	ASS	
C2512	1-107-823-11	CERAMIC CHIP	0.47UF	10.00%	16V					
C2513	1-165-319-11	CERAMIC CHIP	0.1UF		50V		< FILTER	>		
C2515		CERAMIC CHIP		10.00%		FL2300	1-234-479-11	FILTER, LOW PA	ASS	
C2516	1-126-964-11	ELECT	10UF	20.00%		FL2301		ENCAPSULATED (
C2518	1-107-823-11	CERAMIC CHIP	0.47UF	10.00%	16V	FL2501	1-234-515-11	FILTER, LOW PA	ASS	
C2519		CERAMIC CHIP		10.00%				,		
C2521	1-107-823-11	CERAMIC CHIP	0.47UF	10.00%	16V		< IC >			
C2522	1-126-967-11		47UF	20.00%		IC2301	8-752-067-36	IC CXA1815S		
C2523		CERAMIC CHIP			50V	IC2501		IC NJM2233BM(TE2)	
C2524	1-126-964-11		10UF	20.00%		IC2502		IC BA7655AF-E	•	
C2525	1-126-964-11		10UF	20.00%		IC2503		IC NJM319M-TE		
						IC2504		IC TA78L005AP		
C2526	1-126-964-11		10UF	20.00%						
C2528		CERAMIC CHIP			50V	IC2505	8-752-072-94	IC CXA1875AM-	T4	
C2529		CERAMIC CHIP		5.00%	50V					
C2530		CERAMIC CHIP		0.25PF	50V		< COIT >			
C2531	1-165-319-11	CERAMIC CHIP	0.1UF		50V	L2300	1-414-183-41	דאווויייי∩ס	10UH	
C2533	1-126-964-11	RI.RCT	10UF	20.00%	500	L2300	1-414-163-41		220UH	
C2535	1-126-964-11		47UF	20.00%		L2301	1-410-435-21		220UH	
UEJJJ	T TA4-004-TI	andc1	4/05	20.006	T01	112302	1 410-433-51	INDUCTOR	220011	



REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
L2303	1-410-427-11	INDUCTOR 47UH		Q2345	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-QR
L2321	1-216-295-91	SHORT 0		Q2504		TRANSISTOR 2SC2412K-T-1	-
L2322	1-216-295-91			Q2506		TRANSISTOR 2SC2412K-T-1	
L2323	1-216-295-91			Q2507		TRANSISTOR 2SC2412K-T-1	
L2501	1-535-303-00	LEAD, JUMPER (5.0MM)		Q2508	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-QR
L2502	1-535-303-00	LEAD, JUMPER (5.0MM)		Q2509	8-729-216-22	TRANSISTOR 2SA1037K-T-1	46-R
L2503	1-410-426-11	INDUCTOR 39UH		Q2510	8-729-216-22	TRANSISTOR 2SA1037K-T-1	46-R
L2504	1-410-431-11			Q2511		TRANSISTOR 2SC2412K-T-1	
L2505	1-410-431-11			Q2512		TRANSISTOR 2SC2412K-T-1	
L2506	1-408-615-31	INDUCTOR 100UH		Q2513	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-QR
L2507	1-408-615-31			Q2514	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-QR
L2508	1-408-605-31	INDUCTOR 15UH		Q2515	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-QR
L2509	1-410-419-21	INDUCTOR 10UH		Q2516	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-QR
L2510		LEAD, JUMPER (5.0MM)		Q2517		TRANSISTOR 2SC2412K-T-1	-
L2512	1-535-303-00	LEAD, JUMPER (5.0MM)		Q2518	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-QR
	< TRANSIS	STOR >		Q2519	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-QR
				Q2520	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-QR
Q2300		TRANSISTOR 2SC2412K-T-146-		Q2521	8-729-216-22	TRANSISTOR 2SA1037K-T-1	46-R
Q2301		TRANSISTOR 2SC2412K-T-146-	-	Q2522		TRANSISTOR 2SC2412K-T-1	-
Q2302		TRANSISTOR 2SC2412K-T-146-	-	Q2523	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-QR
Q2306		TRANSISTOR 2SA1037K-T-146-					
Q2307	8-729-120-28	TRANSISTOR 2SC2412K-T-146-	·QR	Q2524		TRANSISTOR 2SC2412K-T-1	
				Q2525		TRANSISTOR 2SC2412K-T-1	
Q2308		TRANSISTOR 2SC2412K-T-146-		Q2526		TRANSISTOR 2SC2412K-T-1	-
Q2309		TRANSISTOR 2SC2412K-T-146-	-	Q2527		TRANSISTOR 2SC2412K-T-1	-
Q2316		TRANSISTOR 2SA1037K-T-146-		Q2528	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-QR
Q2318		TRANSISTOR 2SA1037K-T-146-		00500	0 700 100 00	mpayoromop 0000410v m 1	AC OD
Q2319	0-729-210-22	TRANSISTOR 2SA1037K-T-146-	·ĸ	Q2529 Q2530		TRANSISTOR 2SC2412K-T-1 TRANSISTOR 2SA1037K-T-1	-
Q2320	0_720_120_20	TRANSISTOR 2SC2412K-T-146-	.OD	Q2530 Q2531		TRANSISTOR 2SC2412K-T-1	
Q2320 Q2322	8-729-120-28		-	Q2531 Q2532		TRANSISTOR 2SC2412K-T-1	-
Q2322 Q2323		TRANSISTOR DTC144EKA-T146	Δv	Q2532 Q2533		TRANSISTOR 2SC2412K-T-1	**
Q2323 Q2324		TRANSISTOR 2SA1037K-T-146-	.R	Q2333	0 729 120 20	1MM31510N 25C2412N 1 1	40 AV
Q2325		TRANSISTOR 2SC2412K-T-146-		Q2534	8-729-120-28	TRANSISTOR 2SC2412K-T-1	46-OR
2	J 120 20		£	Q2555		TRANSISTOR 2SA1037K-T-1	-
Q2326	8-729-216-22	TRANSISTOR 2SA1037K-T-146-	·R	Q2566		TRANSISTOR 2SA1037K-T-1	
Q2327		TRANSISTOR 2SC2412K-T-146-		Q2568		TRANSISTOR 2SC2412K-T-1	
Q2331		TRANSISTOR 2SC2412K-T-146-	-	Q2571		TRANSISTOR 2SA1037K-T-1	
Q2332		TRANSISTOR 2SC2412K-T-146-	-	-			
Q2333		TRANSISTOR 2SC2412K-T-146-	-		< RESISTO	OR >	
Q2334	8-729-120-28	TRANSISTOR 2SC2412K-T-146-	·QR	R2301	1-216-017-91	RES-CHIP 47 5%	1/10W
Q2335		TRANSISTOR 2SC2412K-T-146-	-	R2302	1-216-043-91		1/10W
Q2336		TRANSISTOR 2SA1037K-T-146-	-	R2303	1-216-045-00		1/10W
Q2337	8-729-120-28	TRANSISTOR 2SC2412K-T-146-	QR	R2304	1-216-045-00	RES-CHIP 680 5%	1/10W
Q2338	8-729-216-22	TRANSISTOR 2SA1037K-T-146-	R	R2305	1-216-047-91	RES-CHIP 820 5%	1/10W
Q2339	8-729-120-28	TRANSISTOR 2SC2412K-T-146-	QR	R2306	1-216-037-00	RES-CHIP 330 5%	1/10W
Q2340		TRANSISTOR 2SA1037K-T-146-	=	R2307	1-216-037-00		1/10W
Q2341		TRANSISTOR 2SA1037K-T-146-		R2308		LEAD, JUMPER (12.5MM)	-1
Q2342		TRANSISTOR 2SC2412K-T-146-		R2309		LEAD, JUMPER (12.5MM)	
Q2344		TRANSISTOR 2SC2412K-T-146-	-	R2310	1-216-671-11		% 1/10W



REF. NO.	PART.NO	DESCRIPTION	l		REMARK	REF. NO.	PART.NO	DESCRIPTION			REMARK
R2311	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R2370	1-216-651-11	METAL CHIP	1K	0.5%	1/10W
R2312	1-216-671-11	METAL CHIP	6.8K	0.5%	1/10W	R2371	1-216-662-11	METAL CHIP	3K	0.5%	1/10W
R2315	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R2372	1-216-071-00	RES-CHIP	8.2K	5%	1/10W
R2316	1-216-663-11	METAL CHIP	3.3K	0.5%	1/10W	R2373	1-216-651-11	METAL CHIP	1K	0.5%	1/10W
R2317	1-216-049-91	RES-CHIP	1K	5%	1/10W	R2374	1-216-662-11	METAL CHIP	3K	0.5%	1/10W
R2318	1-216-049-91	RES-CHIP	1K	5%	1/10W	R2375	1-216-071-00	RES-CHIP	8.2K	5%	1/10W
R2321	1-216-041-00	RES-CHIP	470	5%	1/10W	R2383	1-216-295-91	SHORT	0		
R2322	1-216-041-00	RES-CHIP	470	5%	1/10W	R2385	1-216-025-91	RES-CHIP	100	5%	1/10W
R2323	1-216-041-00	RES-CHIP	470	5%	1/10W	R2386	1-216-643-11	METAL CHIP	470	0.5%	1/10W
R2325	1-216-025-91	RES-CHIP	100	5%	1/10W	R2387	1-216-649-11	METAL CHIP	820	0.5%	1/10W
R2329	1-216-025-91	RES-CHIP	100	5%	1/10W	R2389	1-216-081-00	RES-CHIP	22K	5%	1/10W
R2330	1-216-049-91	RES-CHIP	1K	5%	1/10W	R2390	1-216-081-00	RES-CHIP	22K	5%	1/10W
R2331	1-216-025-91	RES-CHIP	100	5%	1/10W	R2391	1-216-041-00	RES-CHIP	470	5%	1/10W
R2332	1-216-049-91	RES-CHIP	1K	5%	1/10W	R2392	1-216-025-91	RES-CHIP	100	5%	1/10W
R2333	1-216-049-91	RES-CHIP	1K	5%	1/10W	R2393	1-216-643-11	METAL CHIP	470	0.5%	1/10W
R2334	1-216-017-91	RES-CHIP	47	5%	1/10W	R2394	1-216-651-11	METAL CHIP	1K	0.5%	1/10W
R2335	1-216-017-91	RES-CHIP	47	5%	1/10W	R2397	1-216-081-00	RES-CHIP	22K	5%	1/10W
R2336	1-216-017-91	RES-CHIP	47	5%	1/10W	R2398	1-216-081-00	RES-CHIP	22K	5%	1/10W
R2337	1-216-017-91	RES-CHIP	47	5%	1/10W	R2399	1-216-041-00	RES-CHIP	470	5%	1/10W
R2338	1-216-017-91	RES-CHIP	47	5%	1/10W	R2400	1-216-025-91	RES-CHIP	100	5%	1/10W
R2339	1-216-017-91	RES-CHIP	47	5%	1/10W	R2401	1-216-081-00	RES-CHIP	22K	5%	1/10W
R2340	1-216-017-91	RES-CHIP	47	5%	1/10W	R2402	1-216-089-91	RES-CHIP	47K	5%	1/10W
R2341	1-216-017-91	RES-CHIP	47	5%	1/10W	R2403	1-216-041-00	RES-CHIP	470	5%	1/10W
R2342	1-216-025-91	RES-CHIP	100	5%	1/10W	R2404	1-216-041-00	RES-CHIP	470	5%	1/10W
R2343	1-216-025-91	RES-CHIP	100	5%	1/10W	R2407	1-216-041-00	RES-CHIP	470	5%	1/10W
R2344	1-216-017-91	RES-CHIP	47	5%	1/10W	R2408	1-216-295-91	SHORT	0		
R2345	1-216-017-91	RES-CHIP	47	5%	1/10W	R2411	1-216-049-91	RES-CHIP	1K	5%	1/10W
R2346	1-216-017-91	RES-CHIP	47	5%	1/10W	R2413	1-216-641-11	METAL CHIP	390	0.5%	1/10W
R2347	1-216-017-91	RES-CHIP	47	5%	1/10W	R2414	1-216-295-91	SHORT	0		
R2348	1-216-017-91	RES-CHIP	47	5%	1/10W	R2415	1-216-647-11	METAL CHIP	680	0.5%	1/10W
R2351	1-216-025-91	RES-CHIP	100	5%	1/10W	R2418	1-216-025-91	RES-CHIP	100	5%	1/10W
R2352	1-216-025-91	RES-CHIP	100	5%	1/10W	R2421	1-216-049-91	RES-CHIP	1K	5%	1/10W
R2353	1-216-049-91	RES-CHIP	1K	5%	1/10W	R2422	1-216-295-91	SHORT	0		
R2354	1-216-017-91	RES-CHIP	47	5%	1/10W	R2423	1-216-029-00	RES-CHIP	150	5%	1/10W
R2355	1-216-017-91	RES-CHIP	47	5%	1/10W	R2424	1-216-039-00	RES-CHIP	390	5%	1/10W
R2356	1-216-049-91	RES-CHIP	1K	5%	1/10W	R2425	1-216-041-00	RES-CHIP	470	5%	1/10W
R2357	1-216-017-91		47	5%	1/10W	R2426	1-216-035-00		270	5%	1/10W
R2358	1-216-049-91		1K	5%	1/10W	R2427	1-216-035-00		270	5%	1/10W
R2359	1-216-065-91		4.7K	5%	1/10W	R2428	1-216-045-00		680	5%	1/10W
R2360	1-216-065-91		4.7K		1/10W	R2432	1-216-067-00		5.6K	5%	1/10W
R2361	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R2436	1-216-025-91	RES-CHIP	100	5%	1/10W
R2362	1-216-057-00		2.2K		1/10W	R2437	1-216-051-00		1.2K		1/10W
R2364	1-216-049-91		1K	5%	1/10W	R2502	1-216-669-11				1/10W
R2366	1-216-049-91		1K	5%	1/10W	R2503	1-216-667-11				1/10W
R2367	1-216-041-00		470	5%	1/10W	R2505	1-216-649-11		820		1/10W
R2368	1-216-039-00	סקק_רטדם	390	5%	1/10W	R2506	1-216-061-00	DEC_CUTD	3.3K	5 9	1/10W
R2369	1-216-039-00		330	ეგ 5%	1/10W 1/10W	R2506 R2511	1-216-061-00		3.5K		1/10W
KZ JUY	1-210-03/-00	VE9-CUIL	220	20	1/10M	KZJII	1-210-033-00	VEO-CUIL	1.31	υ'n	1/10W



REF. NO.	PART.NO	DESCRIPTIO	N		REMARK	REF. NO.	PART.NO	DESCRIPTION	١		REMARK
R2513	1-216-637-11	METAL CHIP	270	0.5%	1/10W	R2565	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R2514	1-216-059-00	RES-CHIP	2.7K	5%	1/10W	R2566	1-216-648-11	METAL CHIP	750	0.5%	1/10W
R2515	1-216-643-11	METAL CHIP	470	0.5%	1/10W	R2567	1-216-049-91	RES-CHIP	1K	5%	1/10W
R2516	1-216-649-11	METAL CHIP	820	0.5%	1/10W	R2568	1-216-663-11	METAL CHIP	3.3K	0.5%	1/10W
R2517	1-216-643-11	METAL CHIP	470	0.5%	1/10W	R2569	1-216-671-11	METAL CHIP	6.8K	0.5%	1/10W
R2518	1-216-643-11	METAL CHIP	470	0.5%	1/10W	R2570	1-216-073-00	RES-CHIP	10K	5%	1/10W
R2519	1-216-643-11	METAL CHIP	470	0.5%	1/10W	R2571	1-216-663-11	METAL CHIP	3.3K	0.5%	1/10W
R2521	1-216-651-11		1K		1/10W	R2572	1-216-653-11				1/10W
R2522	1-216-025-91		100	5%	1/10W	R2573	1-216-667-11		4.7K	0.5%	1/10W
R2523	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R2574	1-216-295-91	SHORT	0		•
R2525	1-216-055-00	RES-CHIP	1.8K	5%	1/10W	R2575	1-216-641-11	METAL CHIP	390	0.5%	1/10W
R2526	1-216-033-00		220	5%	1/10W	R2576	1-216-059-00	RES-CHIP	2.7K	5%	1/10W
R2528	1-216-033-00		220	5%	1/10W	R2577	1-216-645-11		560		1/10W
R2529	1-216-055-00		1.8K	5% 5%	1/10W	R2577	1-216-645-11		560		1/10W
R2530	1-216-049-91		1. ok	5%	1/10W	R2570 R2579	1-216-053-00	RES-CHIP	1.5K		1/10W
R2531	1-216-631-11	מדעה ו מ דעה	150	U E0	1 /1 OW	D2500	1-216-645-11	METAL CHIP	560	U E0	1 /1 ೧ ೪೩
			150		1/10W	R2580			560 470		1/10W
R2532	1-216-073-00		10K	5% = 0	1/10W	R2581	1-216-643-11		470		1/10W
R2534	1-216-049-91		1K	5% 5°	1/10W	R2582	1-216-635-11	METAL CHIP	220		1/10W
R2535	1-216-065-91		4.7K	5% • • •	1/10W	R2583	1-216-055-00	RES-CHIP	1.8K	5% 5°	1/10W
R2536	1-216-653-11	METAL CHIP	1.2K	0.5%	1/10W	R2584	1-216-049-91	RES-CHIP	1K	5%	1/10W
R2537	1-216-059-00	RES-CHIP	2.7K	5%	1/10W	R2585	1-216-081-00	RES-CHIP	22K	5%	1/10W
R2538	1-216-645-11	METAL CHIP	560	0.5%	1/10W	R2586	1-216-073-00	RES-CHIP	10K	5%	1/10W
R2539	1-216-059-00		2.7K		1/10W	R2587	1-216-055-00	RES-CHIP	1.8K		1/10W
R2540	1-216-065-91		4.7K		1/10W	R2588	1-216-645-11		560		1/10W
R2541	1-216-653-11				1/10W	R2589	1-216-055-00	RES-CHIP	1.8K		1/10W
R2542	1-216-647-11	METAL CHIP	680	0.5%	1/10W	R2590	1-216-647-11	METAL CHIP	680	0.5%	1/10W
R2543	1-216-647-11		680		1/10W	R2591	1-216-055-00	RES-CHIP	1.8K		1/10W
R2544	1-216-645-11		560		1/10W	R2592	1-216-645-11	METAL CHIP	560		1/10W
R2545	1-216-623-11		68		1/10W	R2593	1-216-055-00	RES-CHIP		5%	1/10W
R2546	1-216-655-11				1/10W	R2594	1-216-643-11		470		1/10W
R2547	1-216-641-11	MRTAI מדעם	390	U E8	1/10W	R2611	1-216-641-11	МЕТАТ. СИТВ	390	U E8	1/10W
	1-216-645-11				•	R2611 R2614					•
R2548			560		1/10W	l	1-216-665-11				1/10W
R2549	1-216-623-11		68 1 EV		1/10W	R2615	1-216-657-11				1/10W
R2551	1-216-655-11				1/10W	R2617	1-216-641-11		390		1/10W
R2552	1-216-615-91	METAL CHIP	33	0.5%	1/10W	R2640	1-216-641-11	METAL CHIP	390	0.5%	1/10W
R2553	1-216-645-11	METAL CHIP	560	0.5%	1/10W	R2644	1-216-069-00	RES-CHIP	6.8K	5%	1/10W
R2554	1-216-651-11		1K		1/10W	R2649	1-216-641-11				1/10W
R2555	1-216-073-00		10K	5%	1/10W	R2661	1-216-665-11				1/10W
R2556	1-216-645-11		560		1/10W	R2662	1-216-657-11				1/10W
R2557	1-216-063-91		3.9K		1/10W	R2664	1-216-641-11				1/10W
R2558	1-216-073-00	RES-CHIP	10K	5%	1/10W	R2666	1-216-069-00	RES-CHIP	6.8K	5%	1/10W
R2559	1-216-657-11				1/10W	R2676	1-216-295-91		0		-,
R2560	1-216-643-11				1/10W	R2678	1-216-295-91		0		
R2560 R2561	1-216-653-11				1/10W 1/10W	R2676	1-216-295-91			U E6	1/10W
					•						•
R2562	1-216-669-11	METAL CHIP	J.6K	∪.5%	1/10W	R2681	1-216-657-11	METAL CHIP	1.8K	U.5%	1/10W
R2563	1-216-669-11	METAL CHIP	5.6K	0.5%	1/10W	R2684	1-216-639-11	METAL CHIP	330	0.5%	1/10W
R2564	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W	R2687	1-216-049-91	RES-CHIP	1K	5%	1/10W
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REF. NO.	PART.NO	DESCRIPTION	RE	MARK	REF. NO.	PART.NO	DESCRIPTION		REN	MARK
R2688	1-216-295-91	SHORT 0)		C361	1-124-779-00	ELECT CHIP	10UF	20.00%	16V
R2691	1-216-295-91	SHORT 0)		C362	1-163-021-91	CERAMIC CHIP (0.01UF	10.00%	50V
R2692	1-216-295-91	SHORT 0)		C363	1-163-017-00	CERAMIC CHIP (0.0047UF	10.00%	50V
R2698	1-216-295-91	SHORT 0)		C501	1-163-021-91	CERAMIC CHIP (0.01UF	10.00%	50V
R2699	1-216-295-91	SHORT 0)		C502	1-124-779-00	ELECT CHIP	10UF	20.00%	16V
*A-163	20-130-A E	33 Board, Com	nnlete		C503	1-124-779-00	ELECT CHIP	10UF	20.00%	16V
A-102	20-130-A E	35 Board, Con	ipiete		C505	1-124-779-00	ELECT CHIP	10UF	20.00%	16V
	< C3 D3 CTI	10D >			C507	1-124-779-00	ELECT CHIP	10UF	20.00%	16V
	< CAPACIT	:UR >			C509	1-163-021-91	CERAMIC CHIP (0.01UF	10.00%	50V
9300	1 104 601 11	TT TOT OUT 10	00 000	1017	C510	1-163-021-91	CERAMIC CHIP (0.01UF	10.00%	50V
C302	1-104-601-11	ELECT CHIP 10								
C305	1-163-038-91	CERAMIC CHIP 0.		25V	C511	1-163-038-91	CERAMIC CHIP (0.1UF		25V
C306	1-164-004-11	CERAMIC CHIP 0.			C512	1-163-021-91	CERAMIC CHIP (0.01UF	10.00%	50V
C309	1-164-004-11	CERAMIC CHIP 0.			C514	1-164-004-11	CERAMIC CHIP (0.1UF	10.00%	25V
C310	1-163-038-91	CERAMIC CHIP 0.	IOF.	25V	C515	1-163-021-91	CERAMIC CHIP (0.01UF	10.00%	50V
					C516	1-164-004-11			10.00%	
C312	1-163-275-11	CERAMIC CHIP 0.								
C313	1-164-004-11	CERAMIC CHIP 0.			C517	1-163-021-91	CERAMIC CHIP (0 01IIF	10.00%	50V
C314	1-164-004-11	CERAMIC CHIP 0.			C518	1-126-204-11		47UF	20.00%	
C315	1-163-251-11	CERAMIC CHIP 10			C519		CERAMIC CHIP (25V
C316	1-163-038-91	CERAMIC CHIP 0.	1UF	25V	C520		CERAMIC CHIP (25V
					C521		CERAMIC CHIP (10.00%	
C317	1-163-021-91	CERAMIC CHIP 0.			0321	1 103 021 31	CERMINIC CHIII	0.0101	10.000	301
C318	1-124-779-00	ELECT CHIP 10	OUF 20.00%	16V	C522	1-163-038-91	CERAMIC CHIP (1 1 TE		25V
C319	1-124-779-00	ELECT CHIP 10	OUF 20.00%	16V	C523	1-163-030-91	CERAMIC CHIP (10.00%	
C320	1-163-021-91	CERAMIC CHIP 0.	01UF 10.00%	50V	C524	1-103-021-91		10UF	20.00%	
C321	1-163-021-91	CERAMIC CHIP 0.	01UF 10.00%	50V	C524	1-124-779-00		100F 10UF	20.00%	
					C525		CERAMIC CHIP		10.00%	
C323	1-163-021-91	CERAMIC CHIP 0.	01UF 10.00%	50V	C326	1-163-021-91	CERAMIC CHIP (0.0101	10.00%	300
C324	1-163-021-91	CERAMIC CHIP 0.	01UF 10.00%	50V	C527	1-164-004-11	CERAMIC CHIP (ח זוד	10.00%	257
C325	1-163-021-91	CERAMIC CHIP 0.	01UF 10.00%	50V	C527	1-164-004-11	CERAMIC CHIP (10.00%	
C327	1-164-004-11	CERAMIC CHIP 0.	1UF 10.00%	25V					10.00%	307
C330	1-164-004-11	CERAMIC CHIP 0.	1UF 10.00%	25V	C530	1-216-295-91		0		
					C532	1-216-295-91		0		
C331	1-164-004-11	CERAMIC CHIP 0.	1UF 10.00%	25V	C534	1-216-295-91	SHORT (0		
C332	1-163-021-91	CERAMIC CHIP 0.	01UF 10.00%	50V	0 F30	1 160 001 01	OTDIVIO OUTD	^ ^1***	10 000	F 6 1 1
C333	1-216-295-91	SHORT 0			C538		CERAMIC CHIP (10.00%	
C337	1-164-004-11	CERAMIC CHIP 0.	1UF 10.00%	25V	C539	1-126-204-11			20.00%	
C338	1-164-004-11	CERAMIC CHIP 0.	1UF 10.00%	25V	C540		CERAMIC CHIP (10.00%	
					C542	1-126-204-11		47UF	20.00%	
C339	1-164-004-11	CERAMIC CHIP 0.	1UF 10.00%	25V	C543	1-163-021-91	CERAMIC CHIP (U.UIUF	10.00%	500
C340	1-163-038-91	CERAMIC CHIP 0.	1UF	25V				4.7		4.00
C341	1-163-021-91	CERAMIC CHIP 0.	01UF 10.00%	50V	C545	1-126-396-11		47UF	20.00%	
C346	1-163-038-91	CERAMIC CHIP 0.	1UF	25V	C546		CERAMIC CHIP (10.00%	
C347	1-163-021-91	CERAMIC CHIP 0.	01UF 10.00%	50V	C548		CERAMIC CHIP (10.00%	
					C549	1-126-204-11			20.00%	
C349	1-163-021-91	CERAMIC CHIP 0.	01UF 10.00%	50V	C550	1-163-021-91	CERAMIC CHIP (U.01UF	10.00%	50V
C350	1-126-204-11	ELECT CHIP 47	UF 20.00%	16V	app.	4 444 441 41	Amasia		40.000	
C353	1-126-204-11		UF 20.00%		C551		CERAMIC CHIP (10.00%	
C354	1-104-601-11		OUF 20.00%		C554		CERAMIC CHIP (10.00%	
C355	1-104-601-11		OUF 20.00%		C555		CERAMIC CHIP (25V
-					C556	1-126-392-11		100UF	20.00%	
C357	1-163-021-91	CERAMIC CHIP 0.	01UF 10.00%	50V	C557	1-163-021-91	CERAMIC CHIP (0.01UF	10.00%	50V
C358		CERAMIC CHIP 0.								
C359		CERAMIC CHIP 0.			C559	1-163-021-91	CERAMIC CHIP (0.01UF	10.00%	50V
C360		CERAMIC CHIP 0.			C560	1-163-021-91	CERAMIC CHIP (0.01UF	10.00%	50V
5500	T TOO 221-11	OBIGRATIC CRIE IV	, U.JUFF							

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REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
C601	1-124-779-00	ELECT CHIP 10UF	20.00% 16V	C705	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C602	1-126-394-11	ELECT CHIP 10UF	20.00% 16V	C706	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C603	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C707	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C604	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C708	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C605	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C709	1-110-501-11	CERAMIC CHIP 0.33UF	10.00% 16V
C606	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C710	1-163-019-00	CERAMIC CHIP 0.0068UF	10.00% 50V
C607	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C711	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C608	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C712	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C609	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C713	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C610	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C714	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C611	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C715	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C612	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C716	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C613	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C717	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C614	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C718	1-126-204-11	ELECT CHIP 47UF	20.00% 16V
C615	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C719	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C616	1-126-396-11	ELECT CHIP 47UF	20.00% 16V	C722	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C617	1-163-038-91	CERAMIC CHIP 0.1UF	25V	C723	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C618	1-163-038-91	CERAMIC CHIP 0.1UF	25V	C724	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C619	1-163-038-91	CERAMIC CHIP 0.1UF	25V	C725	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C620	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C726	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C621	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C727	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C622	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C728	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C623	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C729	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C624	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C730	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C625	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C735	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C626	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C738	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C627	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C739	1-163-227-11	CERAMIC CHIP 10PF	0.50PF 50V
C628	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C740	1-163-227-11	CERAMIC CHIP 10PF	0.50PF 50V
C629	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C801	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C630	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C802	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C631	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C803	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C632	1-126-206-11	ELECT CHIP 100UF	20.00% 6.3V	C804	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C633	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C806	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C634	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C807	1-124-779-00	ELECT CHIP 10UF	20.00% 16V
C635	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C808	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C636	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C809	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C637		CERAMIC CHIP 0.01UF	10.00% 50V	C810	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C638		CERAMIC CHIP 0.01UF	10.00% 50V	C811		CERAMIC CHIP 0.01UF	10.00% 50V
C639		CERAMIC CHIP 0.01UF	10.00% 50V	C812	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C640		CERAMIC CHIP 0.01UF	10.00% 50V	C813	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C642	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C814	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C643		CERAMIC CHIP 0.01UF	10.00% 50V	C815		CERAMIC CHIP 0.01UF	10.00% 50V
C644	1-126-603-11		20.00% 35V	C816		CERAMIC CHIP 0.01UF	10.00% 50V
C645		CERAMIC CHIP 0.01UF	10.00% 50V	C817		CERAMIC CHIP 12PF	5.00% 50V
C646		CERAMIC CHIP 47PF	5.00% 50V	C818		CERAMIC CHIP 12PF	5.00% 50V
C702	1_106 004 11	פופרת כעדה מיים	20 000 160	C010	1_160 001 01	CEDAMIC CUID A Aine	10 00% 5077
C703	1-126-394-11		20.00% 16V	C819		CERAMIC CHIP 0.01UF	10.00% 50V
C704	1-102-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C820	1-102-021-31	CERAMIC CHIP 0.01UF	10.00% 50V

REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
C821	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	FB802	1-414-766-21	IND FERRITE OUH	
C822	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V				
C823	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V		< FILTER	>	
C824	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V				
C825	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	FL304	1-234-177-21	FILTER, CHIP EMI	
				FL305	1-234-177-21	FILTER, CHIP EMI	
C826	1-164-489-11	CERAMIC CHIP 0.22UF	10.00% 16V	FL306	1-239-558-11	FILTER, CHIP EMI	
C827	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	FL501	1-233-877-11	FILTER, LOW PASS	
C829	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	FL502	1-233-504-21	FILTER, LOW PASS	
C834	1-163-038-91	CERAMIC CHIP 0.1UF	25V			•	
C835	1-163-038-91	CERAMIC CHIP 0.1UF	25V	FL503	1-233-504-21	FILTER, LOW PASS	
				FL504		FILTER, CHIP EMI	
C837	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	FL505		FILTER, CHIP EMI	
C839		CERAMIC CHIP 0.01UF	10.00% 50V	FL506		FILTER, CHIP EMI	
C840		ELECT CHIP 100UF	20.00% 6.3V	FL508		FILTER, CHIP EMI	
C841		CERAMIC CHIP 0.01UF	10.00% 50V	12000		,	
C842		CERAMIC CHIP 0.01UF	10.00% 50V	FL509	1-234-177-21	FILTER, CHIP EMI	
30 12	1 100 021 91	January Chili V.VIVE	20.000 501	FL510		FILTER, CHIP EMI	
C843	1_163_021_01	CERAMIC CHIP 0.01UF	10.00% 50V	FL510		FILTER, CHIP EMI	
C844		CERAMIC CHIP 0.1UF	25V	FL511		FILTER, CHIP EMI	
C848		CERAMIC CHIP 0.10F	10.00% 50V	FL601		FILTER, CHIP EMI	
C849		CERAMIC CHIP 0.00470F	10.00% 50V	10001	1-254-177-21	FIBLER, CHIP EMI	
		CERAMIC CHIP 0.01UF		ET 600	1 004 177 01	FILTER, CHIP EMI	
C850	1-163-021-91	CERAMIC CHIP U.UIUF	10.00% 50V	FL602		,	
0051	1 162 001 01	OFFINITO OUTD A A10F	10 000 507	FL603		FILTER, CHIP EMI	
C851		CERAMIC CHIP 0.01UF	10.00% 50V	FL606		FILTER, CHIP EMI	
C852		CERAMIC CHIP 0.01UF	10.00% 50V	FL701		FILTER, CHIP EMI	
C901		CERAMIC CHIP 0.1UF	25V	FL703	1-234-177-21	FILTER, CHIP EMI	
C902		CERAMIC CHIP 0.1UF	25V				
C903	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	FL704		FILTER, CHIP EMI	
				FL705		FILTER, CHIP EMI	
C904		ELECT CHIP 10UF	20.00% 16V	FL801		FILTER, CHIP EMI	
C905		CERAMIC CHIP 1UF	10.00% 10V	FL802		FILTER, CHIP EMI	
C906		ELECT CHIP 10UF	20.00% 16V	FL803	1-234-177-21	FILTER, CHIP EMI	
C907	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V				
				FL804		FILTER, CHIP EMI	
	< CONNECT	COR >		FL805	1-234-177-21	FILTER, CHIP EMI	
				FL806	1-234-177-21	FILTER, CHIP EMI	
CN502	1-695-302-11	CONNECTOR, BOARD TO BOA	ARD 50P	FL807	1-234-177-21	FILTER, CHIP EMI	
	< DIODE >			FL808	1-234-177-21	FILTER, CHIP EMI	
	(51052)			FL810	1-234-177-21	FILTER, CHIP EMI	
D301	8-719-041-97	DIODE MA113-(TX)		FL901		FILTER, LOW PASS	
D301 D302		DIODE MA113-(TX)		FL901		FILTER, LOW PASS	
D502		DIODE UDZ-TE-17-3.9B		FL902		FILTER, LOW PASS	
D301	0-719-422-12	DIODE ODE-16-17-3.98		FL903		FILTER, CHIP EMI	
	< FERRITE	E BEAD >		F1304	1-234-177-21	FILLER, CHIP EMI	
FB501	1-414-234-21	FERRITE OUH		FL905	1-234-177-21	FILTER, CHIP EMI	
					. TO \$		
FB502	1-414-234-21				< IC >		
FB503	1-414-234-21			T0202	0 752 200 00	TO 0VD00000 mt	
FB504	1-414-234-21			IC302		IC CXD2303AQ-TL	
FB601	1-414-766-21	IND FERRITE OUH		IC303		IC CXA3266Q-T6	
	4 444 800 55	THE SERVICE A		IC304		IC PC74HC00D-T	
FB701	1-414-766-21			IC305		IC SN74HC163ANSR	
FB702	1-414-766-21			IC306	8-759-232-74	IC SN74HC163ANSR	
FB801	1-414-766-21	IND FERRITE OUH					

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REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	N		REMARK
IC307	8-759-084-79	IC TC7S14F (TE85R)		Q517	8-729-120-28	TRANSISTOR 2	SC2412F	-T-146	-R
IC308	8-759-084-79	IC TC7S14F (TE85R)		Q518	8-729-216-22	TRANSISTOR 2	SA1037F	-T-146	-R
IC309		IC TC7SET04F(TE85R)		Q519	1-801-806-11	TRANSISTOR I	TC144EF	A-T146	
IC310		IC PC74HC02D-T		Q520	1-801-806-11	TRANSISTOR I	TC144EF	A-T146	
IC311	8-759-708-05	IC TA78L005AP-TPE6		Q521	8-729-120-28	TRANSISTOR 2	SC2412F	C-T-146	-R
IC501	8-759-447-90	IC TLC5733AIPM		Q522	8-729-120-28	TRANSISTOR 2	SC2412F	C-T-146	-R
IC504		IC TLC2933IPWR		Q523	8-729-120-28	TRANSISTOR 2	SC2412F	C-T-146	-R
IC505		IC TC7SET04F (TE85R)		Q524	8-729-120-28				
IC506		IC TC7SET04F(TE85R)		Q601	8-729-120-28				
IC601	8-752-398-47	IC CXD2090Q		Q602	8-729-120-28	TRANSISTOR 2	SC2412F	(-T-146	-R
IC602		IC MB81F161622C-80FN		Q901	8-729-216-22				
IC603		IC TLC2932IPW-E20		Q902	8-729-216-22				
IC604		IC CXA1875AM-T4 IC TMC57127-MMP-54		Q903	8-729-216-22				-ĸ
IC701 IC704		IC TMC5/12/-MMP-54 IC MSM534031E-22GS-KR1		Q904 Q905	8-729-028-28 8-729-028-28				
10/04	0-739-040-17	TO MOMODANOTE-5569-WKT		\ \(\tilde{\ti}	0-129-020-28	TWWN91910K 7	.502030	TE03F)	
IC705		IC TC7WU04F (TE12R)		Q907	8-729-216-22				
IC801 IC802	8-759-592-40 8-759-595-53	IC CXD9509Q IC MB81F643242B-10FN		Q908 Q909	8-729-216-22 8-729-216-22				
IC802 IC901		IC CXD2309Q-T6		(Vana	0-123-210-22	TVWINDIDIOK A	.omioo / l	1-146	- n
10301	0-132-303-04	10 CVD72030-10			< RESISTO	OR >			
	< COIL >			R302	1-216-013-00	RES-CHID	33	5%	1/10W
L302	1-412-029-11	INDUCTOR CHIP 10UH		R303	1-216-667-11				1/10W 1/10W
L303		INDUCTOR CHIP 10UH		R305	1-216-049-91		1K	5%	1/10W
L501		INDUCTOR CHIP 1UH		R306	1-216-658-11		2K		1/10W
L502		INDUCTOR CHIP 1UH		R309	1-216-009-91		22	5%	1/10W
L503		INDUCTOR CHIP 1UH							
				R310	1-216-009-91		22	5%	1/10W
L504		INDUCTOR CHIP 1UH		R311	1-216-009-91		22	5% •••	1/10W
L505		INDUCTOR CHIP 10UH		R313	1-216-009-91		22	5% = 0	1/10W
L506		INDUCTOR CHIP 1UH		R316 R318	1-216-009-91		22	5% ⊑∘	1/10W
L508 L509		INDUCTOR CHIP 10UH INDUCTOR CHIP 10UH		K318	1-216-009-91	KE9-CHIL	22	5%	1/10W
				R319	1-216-049-91		1K	5%	1/10W
L511		INDUCTOR CHIP 1UH		R321	1-216-009-91		22	5%	1/10W
L512		INDUCTOR CHIP 1UH		R323	1-216-009-91		22	5% 5°	1/10W
L604		INDUCTOR CHIP 10UH		R324	1-216-009-91		22	5% 5°	1/10W
L605	1-412-029-11	INDUCTOR CHIP 10UH		R325	1-216-073-00	RES-CHIP	10K	5%	1/10W
	< TRANSIS	TOR >		R328	1-216-025-91		100	5%	1/10W
0001	0 700 100 00	MD31/070M0D 0000440 444	_	R330	1-216-037-00		330	5% 5°	1/10W
Q301		TRANSISTOR 2SC2412K-T-146-1		R331	1-216-033-00		220	5% 5°	1/10W
Q302		TRANSISTOR 2SC2412K-T-146-1		R332	1-216-037-00 1-216-295-91		330	5%	1/10W
2303 2501		TRANSISTOR 2SC2412K-T-146-I TRANSISTOR 2SA1037K-T-146-I		R333	1-510-530-31	SHUKT	0		
2501 2502		TRANSISTOR 2SC2412K-T-146-		R335	1-216-013-00	RES-CHID	33	5%	1/10W
K705	0 123-120-20	INSTITUTION SUCCESSION-1-140-	•	R336	1-216-013-00		33	ა 5%	1/10W 1/10W
Q503	8-729-120-28	TRANSISTOR 2SC2412K-T-146-	3	R337	1-216-097-91		100K		1/10W
Q510		TRANSISTOR 2SC2412K-T-146-I		R338	1-216-295-91		0		-, - • • · ·
Q511		TRANSISTOR 2SC2412K-T-146-1		R339	1-216-295-91		0		
Q512		TRANSISTOR 2SC2412K-T-146-1							
2 0516	8-729-120-28	TRANSISTOR 2SC2412K-T-146-1	R	R340	1-216-073-00	RES-CHIP	10K	5%	1/10W
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REF. NO.	PART.NO	DESCRIPTIO	N		REMARK	REF. NO.	PART.NO	DESCRIPTION	N		REMARK
R342	1-216-295-91	SHORT	0			R559	1-216-077-91	RES-CHIP	15K	5%	1/10W
R344	1-216-295-91	SHORT	0			R560	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R345	1-216-073-00	RES-CHIP	10K	5%	1/10W	R561	1-216-043-91	RES-CHIP	560	5%	1/10W
R347	1-216-295-91	SHORT	0			R562	1-216-043-91	RES-CHIP	560	5%	1/10W
R350	1-216-295-91	SHORT	0			R563	1-216-043-91	RES-CHIP	560	5%	1/10W
R501	1-216-025-91	RES-CHIP	100	5%	1/10W	R571	1-216-295-91	SHORT	0		
R502	1-216-025-91	RES-CHIP	100	5%	1/10W	R572	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R503	1-216-295-91	SHORT	0			R573	1-216-679-11	METAL CHIP	15K	0.5%	1/10W
R504	1-216-295-91	SHORT	0			R574	1-216-651-11	METAL CHIP	1K	0.5%	1/10W
R505	1-216-295-91	SHORT	0			R575	1-216-625-11	METAL CHIP	82	0.5%	1/10W
R506	1-216-025-91	RES-CHIP	100	5%	1/10W	R576	1-216-625-11	METAL CHIP	82	0.5%	1/10W
R507	1-216-025-91	RES-CHIP	100	5%	1/10W	R577	1-216-619-11	METAL CHIP	47	0.5%	
R508	1-216-025-91		100	5%	1/10W	R578	1-216-619-11	METAL CHIP	47		1/10W
R509	1-216-025-91		100	5%	1/10W	R579	1-216-077-91	RES-CHIP	15K	5%	1/10W
R510	1-216-043-91		560	5%	1/10W	R580	1-216-295-91	SHORT	0	••	_,
R511	1-216-043-91	RES-CHIP	560	5%	1/10W	R582	1-216-041-00	RES-CHIP	470	5%	1/10W
R511	1-216-043-91		560	ეგ 5%	1/10W 1/10W	R584	1-216-041-00	RES-CHIP	470	5% 5%	1/10W 1/10W
R512	1-216-043-91		560	ეი 5%	1/10W	R594	1-216-041-00	RES-CHIP	470	ეა 5%	1/10W 1/10W
R514	1-216-043-91		560	5% 5%	1/10W	R594	1-216-049-91	RES-CHIP	1K	5%	1/10W
R515	1-216-043-91		560	5%	1/10W	R597	1-216-073-00	RES-CHIP	10K	5%	1/10W
DE4.6	1 016 040 01		4		4 /4 000		1 016 066 00		- 1	F.0	1 /1 0
R516	1-216-049-91		1K	5% •••	1/10W	R600	1-216-066-00		5.1K	5% 	1/10W
R517	1-216-049-91		1K	5%	1/10W	R601	1-216-073-00		10K	5% = °	1/10W
R518	1-216-295-91	SHORT	0		4 /4 0	R602	1-216-073-00	RES-CHIP	10K	5% = °	1/10W
R520	1-216-645-11	METAL CHIP	560	0.5%	1/10W	R603	1-216-073-00	RES-CHIP	10K	5%	1/10W
R521	1-216-295-91	SHORT	0			R604	1-216-033-00	RES-CHIP	220	5%	1/10W
R523	1-216-645-11	METAL CHIP	560	0.5%	1/10W	R605	1-216-295-91	SHORT	0		
R524	1-216-295-91	SHORT	0			R608	1-216-295-91	SHORT	0		
R526	1-216-645-11	METAL CHIP	560	0.5%	1/10W	R609	1-216-073-00	RES-CHIP	10K	5%	1/10W
R528	1-216-037-00	RES-CHIP	330	5%	1/10W	R610	1-216-033-00		220	5%	1/10W
R529	1-216-669-11	METAL CHIP	5.6K	0.5%	1/10W	R611	1-216-073-00	RES-CHIP	10K	5%	1/10W
R530	1-216-669-11	METAL CHIP	5.6K	0.5%	1/10W	R612	1-216-073-00	RES-CHIP	10K	5%	1/10W
R531	1-216-031-00	RES-CHIP	180	5%	1/10W	R613	1-216-073-00	RES-CHIP	10K	5%	1/10W
R532	1-216-669-11	METAL CHIP	5.6K	0.5%	1/10W	R616	1-216-073-00	RES-CHIP	10K	5%	1/10W
R533	1-216-031-00	RES-CHIP	180	5%	1/10W	R617	1-216-295-91	SHORT	0		
R536	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R618	1-216-295-91	SHORT	0		
R537	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W	R619	1-216-073-00	RES-CHIP	10K	5%	1/10W
R540	1-216-049-91		1K	5%	1/10W	R621	1-216-295-91		0		•
R548	1-216-619-11		47		1/10W	R622	1-216-295-91		0		
R549	1-216-619-11		47		1/10W	R623	1-216-295-91		0		
R550	1-216-625-11		82		1/10W	R625	1-216-295-91		0		
R551	1-216-625-11	МЕТАТ. СИТО	82	0 5%	1/10W	R626	1-216-073-00	RES-CHIP	10K	5%	1/10W
R552	1-216-619-11		47		1/10W	R628	1-216-295-91		0	- 0	-/
R553	1-216-295-91		0	0.5	±/ ±VII	R629	1-216-293-91		10K	5%	1/10W
R554	1-216-293-91		47	በ 5%	1/10W	R631	1-216-075-00		0	J ¹ 0	1/ 1VII
R555	1-216-019-11		15K	5%	1/10W	R634	1-216-295-91		0		
R557	1-216-049-91		1K	5%	1/10W	R635	1-216-295-91		0		
R558	1-216-025-91	RES-CHIP	100	5%	1/10W	R638	1-216-295-91	SHORT	0		

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REF. NO.	PART.NO	DESCRIPTION	V		REMARK	REF. NO.	PART.NO	DESCRIPTION			REMARK
R639	1-216-017-91	RES-CHIP	47	5%	1/10W	R696	1-216-049-91	RES-CHIP	1K	5%	1/10W
R640	1-216-009-91	RES-CHIP	22	5%	1/10W	R697	1-216-117-00	RES-CHIP	680K	5%	1/10W
R642	1-216-295-91	SHORT	0			R698	1-216-117-00	RES-CHIP	680K	5%	1/10W
R643	1-216-295-91	SHORT	0			R699	1-216-295-91	SHORT	0		
R645	1-216-295-91	SHORT	0			R703	1-216-295-91	SHORT	0		
R651	1-216-295-91	SHORT	0			R704	1-216-295-91	SHORT	0		
R653	1-216-025-91	RES-CHIP	100	5%	1/10W	R705	1-216-295-91	SHORT	0		
R654	1-216-033-00	RES-CHIP	220	5%	1/10W	R709	1-216-005-00	RES-CHIP	15	5%	1/10W
R655	1-216-295-91	SHORT	0			R710	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R657	1-216-009-91	RES-CHIP	22	5%	1/10W	R712	1-216-049-91	RES-CHIP	1K	5%	1/10W
R658	1-216-049-91	RES-CHIP	1K	5%	1/10W	R713	1-216-295-91	SHORT	0		
R659	1-216-025-91	RES-CHIP	100	5%	1/10W	R714	1-216-121-91	RES-CHIP	1M	5%	1/10W
R660	1-216-025-91	RES-CHIP	100	5%	1/10W	R715	1-216-033-00	RES-CHIP	220	5%	1/10W
R661	1-216-025-91	RES-CHIP	100	5%	1/10W	R801	1-216-009-91	RES-CHIP	22	5%	1/10W
R663	1-216-295-91	SHORT	0			R802	1-216-009-91	RES-CHIP	22	5%	1/10W
R664	1-216-009-91	RES-CHIP	22	5%	1/10W	R804	1-216-073-00	RES-CHIP	10K	5%	1/10W
R665	1-216-035-00	RES-CHIP	270	5%	1/10W	R806	1-216-675-91	METAL CHIP	10K	0.5%	1/10W
R666	1-216-646-11	METAL CHIP	620	0.5%	1/10W	R807	1-216-637-11	METAL CHIP	270	0.5%	1/10W
R667	1-216-663-11	METAL CHIP	3.3K	0.5%	1/10W	R812	1-216-073-00	RES-CHIP	10K	5%	1/10W
R668	1-216-009-91	RES-CHIP	22	5%	1/10W	R813	1-216-295-91	SHORT	0		
R669	1-216-295-91	SHORT	0			R814	1-216-073-00	RES-CHIP	10K	5%	1/10W
R670	1-216-295-91	SHORT	0			R815	1-216-073-00	RES-CHIP	10K	5%	1/10W
R671	1-216-073-00	RES-CHIP	10K	5%	1/10W	R816	1-216-073-00	RES-CHIP	10K	5%	1/10W
R672	1-216-073-00	RES-CHIP	10K	5%	1/10W	R817	1-216-613-11	METAL CHIP	27	0.5%	1/10W
R673	1-216-073-00	RES-CHIP	10K	5%	1/10W	R818	1-216-295-91	SHORT	0		
R674	1-216-073-00	RES-CHIP	10K	5%	1/10W	R820	1-216-651-11	METAL CHIP	1K	0.5%	1/10W
R675	1-216-073-00	RES-CHIP	10K	5%	1/10W	R822	1-216-295-91	SHORT	0		
R676	1-216-073-00	RES-CHIP	10K	5%	1/10W	R823	1-216-073-00	RES-CHIP	10K	5%	1/10W
R677	1-216-073-00		10K	5%	1/10W	R824	1-216-073-00	RES-CHIP	10K	5%	1/10W
R678	1-216-073-00	RES-CHIP	10K	5%	1/10W	R825	1-216-621-11	METAL CHIP	56	0.5%	1/10W
R679	1-216-073-00	RES-CHIP	10K	5%	1/10W	R826	1-216-641-11	METAL CHIP	390		1/10W
R680	1-216-073-00	RES-CHIP	10K	5%	1/10W	R827	1-216-607-11	METAL CHIP	15		1/10W
R681	1-216-073-00	RES-CHIP	10K	5%	1/10W	R834	1-216-629-11		120		1/10W
R682	1-216-073-00	RES-CHIP	10K	5%	1/10W	R835	1-216-623-11	METAL CHIP	68	0.5%	1/10W
R683	1-216-073-00	RES-CHIP	10K	5%	1/10W	R836	1-216-611-11	METAL CHIP	22	0.5%	1/10W
R684	1-216-073-00	RES-CHIP	10K	5%	1/10W	R840	1-216-295-91	SHORT	0		
R685	1-216-073-00	RES-CHIP	10K	5%	1/10W	R844	1-216-009-91	RES-CHIP	22	5%	1/10W
R686	1-216-073-00	RES-CHIP	10K	5%	1/10W	R845	1-216-009-91	RES-CHIP	22	5%	1/10W
R687	1-216-295-91	SHORT	0			R846	1-216-009-91	RES-CHIP	22	5%	1/10W
R688	1-216-061-00	RES-CHIP	3.3K	5%	1/10W	R847	1-216-009-91	RES-CHIP	22	5%	1/10W
R689	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R848	1-216-009-91	RES-CHIP	22	5%	1/10W
R690	1-216-295-91	SHORT	0			R849	1-216-009-91	RES-CHIP	22	5%	1/10W
R691	1-216-061-00	RES-CHIP	3.3K	5%	1/10W	R850	1-216-009-91	RES-CHIP	22	5%	1/10W
R692	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R851	1-216-009-91	RES-CHIP	22	5%	1/10W
R693	1-216-009-91	RES-CHIP	22	5%	1/10W	R852	1-216-009-91	RES-CHIP	22	5%	1/10W
R694	1-216-295-91	SHORT	0			R853	1-216-009-91	RES-CHIP	22	5%	1/10W
R695	1-216-047-91		820	5%	1/10W	R854	1-216-009-91		22	5%	1/10W
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REF. NO.	PART.NO	DESCRIPTIO	ON		REMARK	REF. NO.	PART.NO	DESCRIPTIO	N		REMARK
R855	1-216-009-91	RES-CHIP	22	5%	1/10W	R904	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R856	1-216-009-91	RES-CHIP	22	5%	1/10W	R905	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R857	1-216-009-91	RES-CHIP	22	5%	1/10W	R906	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R858	1-216-009-91	RES-CHIP	22	5%	1/10W	R907	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R859	1-216-009-91	RES-CHIP	22	5%	1/10W	R908	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R860	1-216-009-91	RES-CHIP	22	5%	1/10W	R909	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R861	1-216-009-91	RES-CHIP	22	5%	1/10W	R910	1-216-049-91	RES-CHIP	1K	5%	1/10W
R862	1-216-009-91	RES-CHIP	22	5%	1/10W	R911	1-216-049-91	RES-CHIP	1K	5%	1/10W
R863	1-216-009-91	RES-CHIP	22	5%	1/10W	R912	1-216-049-91	RES-CHIP	1K	5%	1/10W
R864	1-216-009-91	RES-CHIP	22	5%	1/10W	R914	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
R865	1-216-009-91	RES-CHIP	22	5%	1/10W	R916	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
R866	1-216-009-91	RES-CHIP	22	5%	1/10W	R917	1-216-295-91	SHORT	0	•	-,
R867	1-216-009-91	RES-CHIP	22	5%	1/10W	R919	1-216-295-91	SHORT	0		
R868	1-216-009-91		22	5%	1/10W	R939	1-216-295-91	SHORT	0		
R869	1-216-009-91		22	5%	1/10W	R940	1-216-295-91	SHORT	0		
R870	1-216-009-91	סעכ_כטדה	22	5%	1/10W	D0/1	1-216-295-91	SHORT	0		
R870 R871	1-216-009-91		22		•	R941 R942	1-216-295-91			E0	1/10W
R871 R872	1-216-009-91		22	5% 5%	1/10W 1/10W	R942 R943	1-216-037-00	RES-CHIP RES-CHIP	330 220	5% 5%	1/10W 1/10W
R873	1-216-009-91		22	ეგ 5%	·		1-216-057-00	RES-CHIP		ეგ 5%	1/10W 1/10W
			22	ეგ 5%	1/10W	R951			2.2K		
R874	1-216-009-91	RES-CHIP	22	26	1/10W	R952	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R875	1-216-009-91	RES-CHIP	22	5%	1/10W	R956	1-216-089-91	RES-CHIP	47K	5%	1/10W
R876	1-216-009-91	RES-CHIP	22	5%	1/10W	R957	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R877	1-216-009-91	RES-CHIP	22	5%	1/10W	R958	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R878	1-216-009-91	RES-CHIP	22	5%	1/10W	R959	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R879	1-216-009-91	RES-CHIP	22	5%	1/10W	R960	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R880	1-216-009-91	RES-CHIP	22	5%	1/10W	R961	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R881	1-216-009-91	RES-CHIP	22	5%	1/10W	R962	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R882	1-216-009-91	RES-CHIP	22	5%	1/10W	R979	1-216-295-91	SHORT	0		
R883	1-216-009-91	RES-CHIP	22	5%	1/10W	R981	1-216-037-00	RES-CHIP	330	5%	1/10W
R884	1-216-009-91	RES-CHIP	22	5%	1/10W	R982	1-216-037-00	RES-CHIP	330	5%	1/10W
R885	1-216-009-91	RES-CHTP	22	5%	1/10W	R983	1-216-089-91	RES-CHTP	47K	5%	1/10W
R886	1-216-009-91		22	5% 5%	1/10W	R984	1-216-061-00		3.3K		1/10W
R887	1-216-009-91		22	ე _ზ	1/10W	R985	1-216-001-00		470K		1/10W
R888	1-216-009-91		22	5% 5%	1/10W	R986	1-216-061-00		3.3K		1/10W
R889	1-216-009-91		22	5%	1/10W	R987	1-216-049-91		1K	5%	1/10W
ролл	1_216 000 01	DEC_CUTD	22	E 0.	1 /10v	D000	1_016 000 00	DEC_CUTE	220	E 0.	1/10W
R890	1-216-009-91		22	5% ⊑∘.	1/10W	R988	1-216-033-00		220	5% = 0.	1/10W
R891	1-216-009-91		22	5% ⊑∘	1/10W	R989	1-216-081-00		22K	5% ⊑∘	1/10W
R892	1-216-009-91		22	5% 5%	1/10W	R990	1-216-113-00		470K	3 6	1/10W
R893 R894	1-216-009-91 1-216-009-91		22 22	5% 5%	1/10W 1/10W	R991 R993	1-216-295-91 1-216-089-91		0 47K	5%	1/10W
R895	1-216-009-91		22	5%	1/10W	R994	1-216-033-00		220	5%	1/10W
R896	1-216-009-91		22	5%	1/10W	R995	1-216-033-00		220	5%	1/10W
R897	1-216-009-91		22	5%	1/10W	R996	1-216-037-00		330	5%	1/10W
R898	1-216-009-91		22	5%	1/10W	R997	1-216-037-00		330	5%	1/10W
R901	1-216-061-00	RES-CHIP	3.3K	5%	1/10W	R998	1-216-073-00	RES-CHIP	10K	5%	1/10W
R902	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W	R2801	1-216-629-11	METAL CHIP	120	0.5%	1/10W
R903	1-216-663-11	METAL CHIP	3.3K	0.5%	1/10W	R2802	1-216-623-11	METAL CHIP	68	0.5%	1/10W
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The components identified by shading and marked ♠ are critical for safety
Replace only with the part number specified.

REF. NO.	PART.NO	DESCRIPTION	REN	IARK REF	. NO.	PART.NO	DESCRIPTION	REMARK
R2803	1-216-603-11	METAL CHIP 10	0.5% 1/10W	X80	02	1-781-650-2	21 VIBRATOR, CRYSTAL	
2804	1-216-627-11	METAL CHIP 100	0.5% 1/10W					
2805	1-216-623-11	METAL CHIP 68	0.5% 1/10W	* *	Δ-16	24-086-A	F1 Board, Complet	A
2806	1-216-611-11	METAL CHIP 22	0.5% 1/10W		A 10	-+ 000 A	T i Bourd, complet	5
2809	1-216-295-91	SHORT 0				*4-374-846-0	1 COVER, CAPACITOR, CA	P TYPE
2810	1-216-295-91	SHORT 0				< CADA	TIMOD N	
2813	1-216-295-91	SHORT 0				< CAPAC	TIOK >	
2815	1-216-295-91	SHORT 0		-			A 4500	00 000 000
2817	1-216-295-91	SHORT 0		C76	626 Z	1-136-527-1	2 FILM 0.47UF	20.00% 300V
2818	1-216-295-91					< CONNE	CTOR >	
820	1-216-295-91	SHORT 0						
2822	1-216-295-91						1 PIN, CONNECTOR (POWE	R)
	1 210 255 51	SHORT 0			7622		.1 TAB (CONTACT)	
	/ DECTOR	R NETWORK >		CN	7633 Z	½ *1-580-8 4 3-1	1 PIN, CONNECTOR (POWE	R)
	< RESISIO	K NEIWORK >		CNT	7655	1-695-915-1	.1 TAB (CONTACT)	
3001		NETWORK RESISTOR	, ,			< FUSE	>	
3002		NETWORK RESISTOR	•					
3003		NETWORK RESISTOR	•	F76	626 Z	1-576-232-1	.1 FUSE (H.B.C.) 5A/250	V
3004		NETWORK RESISTOR					1 HOLDER, FUSE (F7626)	
3005	1-239-412-11	NETWORK RESISTOR	(CHIP) 100					
006	1-239-412-11	NETWORK RESISTOR	(CHTP) 100			< RESIS	STOR >	
007		NETWORK RESISTOR						
008		NETWORK RESISTOR		R76	626 Z	△ 1-202-719-0	00 SOLID 1M	20% 1/2W
009		NETWORK RESISTOR		R76	627 Z	↑ 1-220-797-1	.1 CEMENTED 0.47	5% 10W
3010	1-239-414-11	NETWORK RESISTOR	(CHIP) 150			< TRANS	FORMER >	
3011	1-239-414-11	NETWORK RESISTOR	(CHIP) 150	î n'	7627	1 /22 /00 1	1 TRANSFORMER, LINE FI	T MIZID
3012	1-239-414-11	NETWORK RESISTOR	(CHIP) 150	10.5	1021 2	7 T-422-400-1	II IRANSFORMER, LINE FI	LIEK
3013	1-239-621-11	NETWORK RESISTOR	(CHIP) 22			4 W D T /	IMOD >	
3014		NETWORK RESISTOR				< VARIS	STOR >	
3015		NETWORK RESISTOR	, ,	5				
				VD	7626 Z	∆ 1-801-268-5	VARISTOR ERZV14D471	
016	1-239-621-11	NETWORK RESISTOR	(CHIP) 22		A 40	04 004 4	A Decord Complete	
3017	1-239-621-11	NETWORK RESISTOR	(CHIP) 22		A-16	31-094-A	A Board, Complete (KV-28FQ75A/28FQ	
018	1-239-621-11	NETWORK RESISTOR	(CHIP) 22					
3019	1-239-409-11	NETWORK RESISTOR	(CHIP) 47				KV-32FQ75A/32FQ7	
3020		NETWORK RESISTOR		*	A-16	31-098-A	A Board, Complete (KV-28FQ75B/32FQ	
3021	1-239-409-11	NETWORK RESISTOR	(CHIP) 47	, *	A-16	31-102-A	A Board, Complete	
022		NETWORK RESISTOR			7 30, 5 44 2 44		(KV-28FQ75U/32FQ	
3023		NETWORK RESISTOR	,					
3023 3024		NETWORK RESISTOR						
				I A	A Boa	ard, Commo	n Parts	
025	1-239-409-11	NETWORK RESISTOR	(CHIP) 4/			A 200 054 15	CODEM /MOVIAL D. C.	/1)
3026	1-239-409-11	NETWORK RESISTOR	(CHIP) 47				SCREW (M3X10), P, SW	(*)
3027		NETWORK RESISTOR	• •			^4-931-401-0]	HEAT SINK, V.OUT	
3301		NETWORK RESISTOR						
302		NETWORK RESISTOR				< CAPAC	CITOR >	
	1 237 021 11	THE THOUGHTON	(0011) 22	011	100	1_104 664 1	1 prpcm 47tte	20 00% 257
	< CRYSTAI	· >		C11		1-104-664-1		20.00% 25V
				C11		1-126-943-1		20.00% 25V
702	1-781-889-21	VIBRATOR, CRYSTAI	i	C11			.1 CERAMIC CHIP 0.33UF	10.00% 16V
		OSCILLATOR, CRYST		C11		1-137-194-8		5.00% 50V
301			ALI .	C11			00 CERAMIC CHIP 560PF	5.00% 50V



REF. NO.	PART.NO	DESCRIPTION		REMARK	REF. NO.	PART.NO	DESCRIPTION	N	REMARK
C1129	1-115-339-11	CERAMIC CHIP 0).1UF 10).00% 50V	C1605	1-164-004-11	CERAMIC CHIP	0.1UF	10.00% 25V
C1130	1-163-017-00	CERAMIC CHIP 0	0.0047UF 10).00% 50V	C1610	1-164-004-11	CERAMIC CHIP	0.1UF	10.00% 25V
C1131	1-163-251-11	CERAMIC CHIP 1		.00% 50V	C1611	1-126-933-11		100UF	20.00% 16V
C1132	1-163-021-91	CERAMIC CHIP 0	0.01UF 10	0.00% 50V	C1612	1-164-004-11	CERAMIC CHIP	0.1UF	10.00% 25V
C1133	1-164-004-11	CERAMIC CHIP 0).1UF 10).00% 25V	C1613	1-126-933-11	ELECT	100UF	20.00% 16V
C1134	1-126-961-11	ELECT 2	2.2UF 20).00% 50V	C1615	1-164-004-11	CERAMIC CHIP	0.1UF	10.00% 25V
C1135	1-164-004-11	CERAMIC CHIP 0).1UF 10).00% 25V	C1617	1-164-004-11	CERAMIC CHIP	0.1UF	10.00% 25V
C1136	1-164-004-11	CERAMIC CHIP 0).1UF 10).00% 25V	C1630	1-126-925-11	ELECT	470UF	20.00% 10V
C1137	1-126-953-11	ELECT 2	2200UF 20).00% 35V	C1631	1-126-925-11	ELECT	470UF	20.00% 10V
C1138	1-126-953-11	ELECT 2	2200UF 20	0.00% 35V	C1632	1-136-495-11	MYLAR	0.068UF	5.00% 50V
C1140	1-111-216-91	ELECT 1	150UF 20).00% 63V	C1633	1-136-495-11	MYLAR	0.068UF	5.00% 50V
C1141	1-164-505-11	CERAMIC CHIP 2	2.2UF	16V	C1636	1-126-916-11	ELECT	1000UF	20.00% 6.3V
C1142	1-130-777-00			.00% 63V	C1637	1-126-916-11	ELECT	1000UF	20.00% 6.3V
C1151	1-162-568-11			0.00% 16V	C1638	1-126-935-11		470UF	20.00% 6.3V
C1152	1-137-194-81	MYLAR 0).47UF 5.	.00% 50V	C1639	1-126-935-11	ELECT	470UF	20.00% 6.3V
C1153	1-163-135-00	CERAMIC CHIP 5	560PF 5.	00% 50V		< CONNECT	OR >		
C1154	1-115-339-11).00% 50V					
C1155	1-163-017-00			0.00% 50V		*1-564-520-11	•		
C1156	1-163-251-11			.00% 50V	CN1200	1-695-299-11			
C1157	1-163-021-91	CERAMIC CHIP 0	0.01UF 10	0.00% 50V	CN1301	1-695-298-11	CONNECTOR, BO		
					CN1401	1-695-298-11	,		D 40P
C1158		CERAMIC CHIP 0		0.00% 25V	CN1600	1-900-903-64	CONNECTOR ASS	SY 20P	
C1159		CERAMIC CHIP 0		0.00% 25V	and 604	1 000 000 0:	001mm==================================	00-	
C1160		CERAMIC CHIP 0		0.00% 25V	CN1601	1-900-903-64			
C1162	1-111-216-91			0.00% 63V	CN1602	1-900-903-64			
C1163	1-104-505-11	CERAMIC CHIP 2	ZUF	16V	CN1666 CN1700	1-695-915-11 *1-568-879-11			
C1164	1-130-777-00	MYLAR 0).1UF 5.	.00% 63V		*1-568-879-11 *1-568-878-51	•		
C1176	1-164-004-11).00% 65V	OHI / UZ	T 200 010-31	III, COMMECIO	JI. JI	
C1177	1-164-004-11).00% 25V	CN1703	1-764-334-11	PLUG, CONNEC	FOR 11P	
C1178	1-126-964-11			0.00% 50V	CN1801	1-695-299-11	CONNECTOR, BO		D 50P
C1179	1-126-964-11).00% 50V	CN1811	1-695-915-11			
					CN1901	1-695-298-11	, ,		D 40P
C1180	1-126-952-11	ELECT 1	L000UF 20).00% 35V	CN1902	*1-568-879-11	PIN, CONNECTO	OR 4P	
C1181	1-126-952-11	ELECT 1	L000UF 20).00% 35V			•		
C1182	1-164-004-11	CERAMIC CHIP 0).1UF 10).00% 25V	CN1988	*1-568-879-11	PIN, CONNECTO	OR 4P	
C1183	1-164-004-11	CERAMIC CHIP 0).1UF 10).00% 25V					
C1184	1-107-823-11	CERAMIC CHIP 0).47UF 10	0.00% 16V		< COMPOSI	TION CIRCUIT	BLOCK >	
C1185	1-107-823-11	CERAMIC CHIP 0).47UF 10).00% 16V	CP1300	1-251-658-11	SPLITTER RF		
C1226	1-104-661-91	ELECT 3	330UF 20).00% 16V					
C1227	1-164-505-11	CERAMIC CHIP 2	2.2UF	16V		< DIODE >			
C1300	1-126-933-11	ELECT 1	L00UF 20).00% 16V					
C1301	1-163-059-91	CERAMIC CHIP 0).01UF 10	0.00% 50V	D1100	8-719-914-43			
01206	1 160 050 01	CEDANTO CUTO ^	\ 01mm 40) 00° E017	D1101	8-719-914-44			
C1326		CERAMIC CHIP 0		0.00% 50V	D1102	8-719-914-43			
C1327	1-163-059-91			0.00% 10V	D1103	8-719-914-43			
C1328		CERAMIC CHIP 1		.00% 50V	D1104	8-719-914-43	DIODE DANZUZI	N-T-146	
C1350 C1351	1-163-039-91	CERAMIC CHIP 0		0.00% 50V 0.00% 10V	D1201	8-719-976-96	חדטה נוחק-יים.	-17- <i>1</i> 7p	
01331	1-120-934-11	ппест 2	.200f 20	,,,,,,, TOA	D1201 D1202	8-719-976-96			
C1601	1-164-004-11	CERAMIC CHIP 0).1ប្រក 10).00% 25V	D1401	8-719-056-82			
C1603	1-126-933-11			0.00% 25V	D1401 D1402	8-719-056-82			
32003	1 120 733 11		20		22.102	3 ,13 030 02	TIONE ONE IE.		



REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPT	ION		REMARK
D1405	8-719-914-44	DIODE DAP202K-T-146		L1631	1-419-249-11	INDUCTOR	15UH	I	
D1406	8-719-914-43	DIODE DAN202K-T-146		L1632	1-419-249-11	INDUCTOR	15UH	I	
D1407	8-719-158-15	DIODE UDZ-TE-17-5.6E		L1633	1-419-249-11	INDUCTOR	15UH	I	
D1408	8-719-158-15	DIODE UDZ-TE-17-5.6E		L1634	1-412-525-31	INDUCTOR	10UH	I	
D1601	8-719-056-83	DIODE UDZ-TE-17-6.8E		L1635	1-412-525-31	INDUCTOR	10UH	I	
D1602		DIODE DAN202K-T-146			< TRANSIS	TOR >			
D1626		DIODE DAN202K-T-146							_
D1627		DIODE DAN202K-T-146		Q1100	8-729-216-22				
D1630	8-719-500-70			Q1101	8-729-120-28				
D1631	8-719-500-70	DIODE D5S4M		Q1201	8-729-120-28				
				Q1202	8-729-120-28				
	< FERRITE	: BEAD >		Q1204	8-729-120-28	TRANSISTOR	2SC2412F	(-T-146	-к
FB1126		LEAD, JUMPER (5.0MM		Q1226	8-729-120-28				
FB1127	1-410-397-21			Q1227	8-729-120-28				
FB1151		LEAD, JUMPER (5.0MM		Q1229	8-729-027-38				
FB1152	1-410-397-21			Q1300	1-801-806-11				
FB1401	1-414-234-22	INDUCTOR CHIP OUH		Q1326	8-729-120-28	TRANSISTOR	2SC2412F	K-T-146	-R
FB1630		LEAD, JUMPER (5.0MM	•	Q1327	8-729-120-28				
FB1631		LEAD, JUMPER (5.0MM	·)	Q1328	8-729-120-28				
FB1901	1-414-553-11			Q1329	8-729-216-22				
FB1903	1-414-553-11			Q1350	8-729-120-28				
FB1904	1-414-553-11	FERRITE OUH		Q1351	8-729-216-22	TRANSISTOR	2SA1037K	K-T-146	-R
FB1905	1-414-553-11			Q1601	8-729-120-28				
FB1906	1-414-553-11	FERRITE OUH		Q1602	8-729-216-22	TRANSISTOR	2SA1037K	K-T-146	-R
FB1907	1-414-553-11	FERRITE OUH		Q1626	8-729-120-28	TRANSISTOR	2SC2412K	K-T-146	-R
	< IC >				< RESISTO)R >			
IC1126	8-759-544-25	IC TDA7482		JR1203	1-216-296-91	SHORT	0		
IC1151	8-759-544-25			JR1401	1-216-295-91	SHORT	0		
IC1176	8-759-333-24			JR1402	1-216-295-91	SHORT	0		
IC1400		IC CXA1875AM-T4		Ī .					
IC1601	8-759-574-76	IC KA78R05-SYDTU		R1100	1-216-025-91		100	5%	1/10W
	A ==A = · · · · ·			R1101	1-216-057-00		2.2K		1/10W
IC1604		IC KA78R09-YDTU		R1102	1-216-057-00		2.2K		1/10W
IC1605		IC KA78R05-SYDTU		R1103	1-216-089-91		47K	5%	1/10W
IC1630		IC PQ1CG2032FZ		R1104	1-216-296-91	SHORT	0		
IC1631	8-759-640-19	IC PQ1CG2032FZ		R1126	1-216-631-11	מדעט וגייים	150	U E6	1/10W
	< COIL >			R1126	1-216-631-11		10K	0.5∜ 5%	1/10W 1/10W
	/ COIT >			R1127	1-216-073-00		470	ეგ 5%	1/10W 1/10W
L1126	1-416-857-11	INDUCTOR 65UH		R1128	1-249-422-11		2.7K		1/10W 1/4W
L1127	1-414-158-11			R1129	1-216-631-11		150		1/4W 1/10W
L1127	1-414-158-11			1,1131	T 510-031-11	THE CHIP	130	U.J70	1/ 1011
L1151	1-414-156-11			R1152	1-216-075-00	RES-CHIP	12K	5%	1/10W
L1152	1-414-158-11			R1152	1-216-041-00		470	ა 5%	1/10W
	1 414 100 11			R1154	1-249-422-11		2.7K		1/10W 1/4W
L1153	1-414-158-11	INDUCTOR 2.2UF		R1174	1-249-422-11		2.7K		1/4W
L1300	1-414-183-41			R1175	1-249-422-11		2.7K		1/4W
L1326	1-414-183-41						2.71	- "	-, -
L1350	1-414-183-41			R1176	1-216-063-91	RES-CHIP	3.9K	5%	1/10W
L1630	1-419-249-11			R1177	1-216-063-91		3.9K		1/10W
	1 417 277 11			****//	1 210 000 91	THE CHIE	J. 311	. .	-/ -/ 1



REF. NO.	PART.NO	DESCRIPTIO	N		REMARK	REF. NO.	PART.NO	DESCRIPTION	N		REMARK
R1178	1-216-357-00	METAL OXIDE	4.7	5%	1W	R1355	1-216-041-00	RES-CHIP	470	5%	1/10W
R1179	1-216-357-00	METAL OXIDE	4.7	5%	1W	R1356	1-216-041-00	RES-CHIP	470	5%	1/10W
R1180	1-216-081-00	RES-CHIP	22K	5%	1/10W	R1357	1-216-041-00	RES-CHIP	470	5%	1/10W
R1181	1-216-045-00	RES-CHIP	680	5%	1/10W	R1405	1-216-025-91	RES-CHIP	100	5%	1/10W
R1182	1-216-081-00	RES-CHIP	22K	5%	1/10W	R1406	1-216-025-91	RES-CHIP	100	5%	1/10W
R1183	1-216-045-00	RES-CHIP	680	5%	1/10W	R1407	1-216-025-91	RES-CHIP	100	5%	1/10W
R1184	1-216-089-91	RES-CHIP	47K	5%	1/10W	R1408	1-216-025-91	RES-CHIP	100	5%	1/10W
R1185	1-216-089-91	RES-CHIP	47K	5%	1/10W	R1409	1-216-025-91	RES-CHIP	100	5%	1/10W
R1201	1-216-089-91	RES-CHIP	47K	5%	1/10W	R1410	1-216-025-91	RES-CHIP	100	5%	1/10W
R1202	1-216-083-00	RES-CHIP	27K	5%	1/10W	R1411	1-216-295-91	SHORT	0		
R1203	1-216-083-00	RES-CHIP	27K	5%	1/10W	R1412	1-216-295-91	SHORT	0		
R1204	1-216-071-00	RES-CHIP	8.2K	5%	1/10W	R1413	1-216-025-91	RES-CHIP	100	5%	1/10W
R1205	1-216-089-91	RES-CHIP	47K	5%	1/10W	R1420	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1206	1-216-073-00		10K	5%	1/10W	R1425	1-216-025-91	RES-CHIP	100	5%	1/10W
R1208	1-216-089-91	RES-CHIP	47K	5%	1/10W	R1601	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R1209	1-216-065-91	RES-CHIP	4.7K	5%	1/10W	R1602	1-216-691-11	METAL CHIP	47K	0.5%	1/10W
R1210	1-216-089-91		47K	5%	1/10W	R1609	1-216-089-91		47K	5%	1/10W
R1226	1-216-073-00		10K	5%	1/10W	R1610	1-216-065-91		4.7K	5%	1/10W
R1227	1-216-073-00	RES-CHIP	10K	5%	1/10W	R1611	1-216-049-91	RES-CHIP	1K	5%	1/10W
R1228	1-216-073-00	RES-CHIP	10K	5%	1/10W	R1612	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1229	1-216-073-00	RES-CHIP	10K	5%	1/10W	R1613	1-216-073-00	RES-CHIP	10K	5%	1/10W
R1230	1-216-055-00		1.8K	5%	1/10W	R1617	1-216-295-91		0		
R1232	1-216-295-91	SHORT	0			R1618	1-216-295-91	SHORT	0		
R1233	1-216-049-91		1K	5%	1/10W	R1630	1-216-065-91		4.7K		1/10W
R1300	1-216-073-00	RES-CHIP	10K	5%	1/10W	R1631	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
R1301	1-216-073-00	RES-CHIP	10K	5%	1/10W	R1632	1-216-651-11	METAL CHIP	1K	0.5%	1/10W
R1326	1-216-025-91	RES-CHIP	100	5%	1/10W	R1633	1-216-652-11	METAL CHIP	1.1K		1/10W
R1327	1-216-025-91	RES-CHIP	100	5%	1/10W	R1634	1-216-650-11	METAL CHIP	910	0.5%	1/10W
R1328	1-216-073-00	RES-CHIP	10K	5%	1/10W	R1635	1-216-656-11	METAL CHIP	1.6K	0.5%	1/10W
R1329	1-216-025-91	RES-CHIP	100	5%	1/10W						
R1330	1-216-041-00	RES-CHIP	470	5%	1/10W	A Boa	rd Variant Pa				Q75D/28FQ75E Q75D/32FQ75E
R1331	1-216-041-00	RES-CHIP	470	5%	1/10W						
R1332	1-216-041-00	RES-CHIP	470	5%	1/10W		< TUNER >	,			
R1333	1-216-075-00	RES-CHIP	12K	5%	1/10W		(1000)				
R1334	1-216-069-00	RES-CHIP	6.8K	5%	1/10W	TU1326		TUNER/VIF (A	,		
R1335	1-216-025-91	RES-CHIP	100	5%	1/10W	TU1350	1-693-338-21	TUNER/VIF (A	EP)		
R1336	1-216-041-00		470	5%	1/10W						
R1337	1-216-041-00		470	5%	1/10W	A Boa	rd Variant Pa	irts KV-28F	Q75B	/32FC	Q75B
R1338	1-216-001-00		10	5%	1/10W						
R1339	1-216-041-00		470	5%	1/10W		< CAPACI	TOR >			
R1340	1-216-043-91	RES-CHIP	560	5%	1/10W	C1186	1-115-339-11	CERAMIC CHIE	0.01UE	·	10.00% 50V
R1342	1-216-073-00		10K	5% 5%	1/10W	C1187	1-115-339-11	CERAMIC CHIE	0.01UE	•	10.00% 50V
R1350	1-216-073-00		10K	5%	1/10W						
R1351	1-216-025-91		100	5%	1/10W		< TUNER >	>			
R1352	1-216-025-91		100	5%	1/10W						
	/		-••	- •	-, 	TU1326		TUNER/VIF (F			
R1353	1-216-073-00	RES-CHIP	10K	5%	1/10W	TU1350	1-693-340-21	TUNER/VIF (F	'R)		
R1354	1-216-025-91	RES-CHIP	100	5%	1/10W						



REF. NO. PART.NO DESCRIPTION REMARK REF. NO. PART.NO DESCRIPTION REMARK C9511 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V C9512 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V A Board Variant Parts KV-28FQ75U/32FQ75U C9513 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V C9514 1-163-235-11 CERAMIC CHIP 22PF 5.00% 50V < TUNER > C9515 1-163-235-11 CERAMIC CHIP 22PF 5.00% 50V 1-693-339-21 TUNER/VIF (UK) TU1326 C9516 1-163-251-11 CERAMIC CHIP 100PF 5.00% 50V TU1350 1-693-339-21 TUNER/VIF (UK) C9517 1-163-009-11 CERAMIC CHIP 0.001UF 10.00% 50V C9518 1-115-340-11 CERAMIC CHIP 0.22UF 10.00% 25V *A-1634-054-A M1 Board, Complete C9519 1-126-964-11 ELECT 10UF 20.00% 50V 1-163-251-11 CERAMIC CHIP 100PF C9520 5.00% 50V < CAPACITOR > < CONNECTOR > C9100 1-115-340-11 CERAMIC CHIP 0.22UF 10.00% 25V 1-163-251-11 CERAMIC CHIP 100PF 5.00% 50V C9101 CN9101 1-695-301-11 CONNECTOR, BOARD TO BOARD 40P C9102 1-163-251-11 CERAMIC CHIP 100PF 5.00% 50V C9104 1-104-664-11 ELECT 47UF 20.00% 25V < DIODE > C9105 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V 8-719-988-61 DIODE 1SS355TE-17 D9100 C9110 1-165-321-11 CERAMIC CHIP 0.68UF 10.00% 16V D9101 8-719-988-61 DIODE 1SS355TE-17 C9111 1-164-157-11 CERAMIC CHIP 0.068UF 10.00% 25V 8-719-988-61 DIODE 1SS355TE-17 D9102 C9112 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V D9103 8-719-988-61 DIODE 1SS355TE-17 C9113 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V D9104 8-719-056-83 DIODE UDZ-TE-17-6.8B C9114 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V D9105 8-719-914-43 DIODE DAN202K-T-146 C9115 1-115-340-11 CERAMIC CHIP 0.22UF 10.00% 25V D9107 8-719-025-31 DIODE 02CZ5.6-TE85L C9117 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V C9118 1-104-664-11 ELECT 47UF 20.00% 25V < FILTER > 5.00% 50V C9119 1-163-259-91 CERAMIC CHIP 220PF C9121 1-163-251-11 CERAMIC CHIP 100PF 5.00% 50V FL9101 1-236-071-11 ENCAPSULATED COMPONENT FL9500 1-236-071-11 ENCAPSULATED COMPONENT 10.00% 25V C9122 1-115-340-11 CERAMIC CHIP 0.22UF FL9501 1-236-071-11 ENCAPSULATED COMPONENT C9123 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V C9124 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V < IC > C9125 1-164-004-11 CERAMIC CHIP 0.1UF 10 00% 25V 1-163-105-00 CERAMIC CHIP 33PF C9126 5.00% 50V 8-759-988-13 IC LM393PS-E20 TC9100 IC9104 8-759-259-18 IC MB3793-42PNF-ER 1-163-105-00 CERAMIC CHIP 33PF 5.00% 50V C9127 IC9105 8-759-544-30 IC SAB-C161R1-LM C9128 1-163-105-00 CERAMIC CHIP 33PF 5.00% 50V IC9107 8-759-395-27 IC TC55257DFTL-70V-EL C9129 1-163-105-00 CERAMIC CHIP 33PF 5.00% 50V IC9108 8-759-564-06 IC M24C32-MN6T 5.00% 50V C9130 1-163-105-00 CERAMIC CHIP 33PF 5.00% 50V C9131 1-163-105-00 CERAMIC CHIP 33PF IC9109 8-759-597-95 IC M27C800-100K1-AE513 IC9110 8-759-559-96 IC HEF4094BT C9132 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V IC9400 8-759-680-29 IC M29F040B-70N1T1 C9400 1-115-340-11 CERAMIC CHIP 0.22UF 10.00% 25V IC9500 8-759-188-33 IC 7400SJX C9500 1-104-664-11 ELECT 47UF 20.00% 25V IC9501 8-759-666-17 IC MSM5116400D-60SJR1 1-104-664-11 ELECT C9502 47UF 20.00% 25V 1-126-964-11 ELECT 10UF C9503 20.00% 50V IC9502 8-759-665-84 IC SDA5275-3PC02-22 C9504 1-164-004-11 CERAMIC CHIP 0.1UF 10.00% 25V < COIL > C9505 1-104-665-11 ELECT 100UF 20.00% 25V C9506 1-163-251-11 CERAMIC CHIP 100PF 5.00% 50V L9400 1-412-029-11 INDUCTOR CHIP 10UH C9507 1-115-340-11 CERAMIC CHIP 0.22UF 10.00% 25V L9401 1-412-029-11 INDUCTOR CHIP 10UH C9508 1-115-340-11 CERAMIC CHIP 0.22UF 10.00% 25V C9509 1-163-251-11 CERAMIC CHIP 100PF 5.00% 50V C9510 1-115-340-11 CERAMIC CHIP 0.22UF 10.00% 25V



REF. NO.	PART.NO	DESCRIPTIO	N		REMAR	(REF. NO.	PART.NO	DESCRIPT	ION		REMARK
· ·	< TRANSIS	TOR >					R9142	1-216-041-00	RES-CHIP	470	5%	1/10W
							R9143	1-216-049-91	RES-CHIP	1K	5%	1/10W
Q9100	8-729-120-28	TRANSISTOR 2	SC2412F	C-T-14	6-R		R9144	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
Q9101	8-729-120-28	TRANSISTOR 2	SC2412F	C-T-14	6-R		R9145	1-216-049-91	RES-CHIP	1K	5%	1/10W
Q9102	8-729-216-22	TRANSISTOR 2	SA1037F	C-T-14	6-R		R9146	1-216-049-91	RES-CHIP	1K	5%	1/10W
Q9103	8-729-120-28	TRANSISTOR 2	SC2412F	C-T-14	6-R							
Q9105	8-729-120-28	TRANSISTOR 2	SC2412F	C-T-14	6-R		R9147	1-216-049-91	RES-CHIP	1K	5%	1/10W
							R9148	1-216-073-00	RES-CHIP	10K	5%	1/10W
Q9106	8-729-027-46	TRANSISTOR D	TC114YF	A-T14	6		R9149	1-216-025-91	RES-CHIP	100	5%	1/10W
Q9107	8-729-027-46	TRANSISTOR D	TC114YF	A-T14	6		R9150	1-216-025-91	RES-CHIP	100	5%	1/10W
Q9108	8-729-027-46	TRANSISTOR D	TC114YF	A-T14	6		R9151	1-216-025-91	RES-CHIP	100	5%	1/10W
Q9109	8-729-027-46	TRANSISTOR D	TC114YF	A-T14	6							
Q9110	8-729-120-28	TRANSISTOR 2	SC2412F	-T-14	6-R		R9153	1-216-025-91	RES-CHIP	100	5%	1/10W
_							R9159	1-216-069-00	RES-CHIP	6.8K	5%	1/10W
Q9500	8-729-216-22	TRANSISTOR 2	SA1037F	-T-14	6-R		R9161	1-216-069-00	RES-CHIP	6.8K	5%	1/10W
Q9501	8-729-216-22	TRANSISTOR 2					R9162	1-216-069-00	RES-CHIP	6.8K	5%	1/10W
Q9502	8-729-216-22	TRANSISTOR 2					R9164	1-216-069-00		6.8K		1/10W
Q9503	1-801-806-11	TRANSISTOR D						000		3.0		=1 ==::
Q9504	1-801-806-11						R9166	1-216-073-00	RES-CHIP	10K	5%	1/10W
25501	1 001 000 11	11441010101010	1011111		. •		R9168	1-216-069-00		6.8K	5%	1/10W
	< RESISTO	IR >					R9172	1-216-069-00		6.8K		1/10W
	< RE31310	/K /					R9172	1-216-295-91	SHORT	0.01	Jo	1/100
R9100	1-216-073-00	RES-CHIP	10K	5%	1/10W		R9174	1-216-025-91		100	5%	1/10W
R9100	1-216-073-00	RES-CHIP	220	5% 5%	1/10W 1/10W		K91/4	1-216-025-91	KES-CHIP	100	35	1/10M
	1-216-033-00						D0175	1 016 005 01	DEC CUID	100	E 0.	1 /1 017
R9102			220	5% = 0	1/10W		R9175	1-216-025-91		100	5% = 0	1/10W
R9103	1-216-025-91		100	5% =°	1/10W		R9176	1-216-025-91	RES-CHIP	100	5% =°	1/10W
R9104	1-216-073-00	RES-CHIP	10K	5%	1/10W		R9177	1-216-025-91	RES-CHIP	100	5% = °	1/10W
-0105	1 016 050 00		4 4		4 /4 0==		R9178	1-216-025-91		100	5% = °	1/10W
R9105	1-216-073-00	RES-CHIP	10K	5%	1/10W		R9179	1-216-097-91	RES-CHIP	100K	5%	1/10W
R9106	1-216-073-00		10K	5%	1/10W							
R9107	1-216-025-91		100	5%	1/10W		R9184	1-216-025-91		100	5%	1/10W
R9108	1-216-025-91		100	5%	1/10W		R9185	1-216-025-91		100	5%	1/10W
R9109	1-216-073-00	RES-CHIP	10K	5%	1/10W		R9186	1-216-025-91		100	5%	1/10W
							R9187	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
R9110	1-216-081-00	RES-CHIP	22K	5%	1/10W		R9188	1-216-073-00	RES-CHIP	10K	5%	1/10W
R9111	1-216-025-91	RES-CHIP	100	5%	1/10W							
R9112	1-216-025-91	RES-CHIP	100	5%	1/10W		R9189	1-216-025-91	RES-CHIP	100	5%	1/10W
R9113	1-216-033-00	RES-CHIP	220	5%	1/10W		R9191	1-216-025-91	RES-CHIP	100	5%	1/10W
R9114	1-216-083-00	RES-CHIP	27K	5%	1/10W		R9192	1-216-025-91	RES-CHIP	100	5%	1/10W
							R9193	1-216-097-91	RES-CHIP	100K	5%	1/10W
R9115	1-216-081-00	RES-CHIP	22K	5%	1/10W		R9194	1-216-097-91	RES-CHIP	100K	5%	1/10W
R9116	1-216-073-00	RES-CHIP	10K	5%	1/10W							
R9117	1-216-073-00	RES-CHIP	10K	5%	1/10W		R9195	1-216-097-91	RES-CHIP	100K	5%	1/10W
R9119	1-216-073-00	RES-CHIP	10K	5%	1/10W		R9196	1-216-073-00	RES-CHIP	10K	5%	1/10W
R9120	1-216-073-00		10K	5%	1/10W		R9197	1-216-073-00	RES-CHIP	10K	5%	1/10W
							R9500	1-216-295-91		0		
R9121	1-216-017-91	RES-CHIP	47	5%	1/10W		R9501	1-216-295-91		0		
R9122	1-216-049-91		1K	5%	1/10W							
R9123	1-216-073-00		10K	5%	1/10W		R9502	1-216-295-91	SHORT	0		
R9127	1-216-049-91		1K	5%	1/10W		R9504	1-216-041-00		470	5%	1/10W
R9128	1-216-097-91		100K		1/10W		R9505	1-216-051-00		1.2K		1/10W
	, ,,				-, 		R9506	1-216-073-00		10K	5%	1/10W
R9135	1-216-295-91	SHORT	0				R9507	1-216-097-91		100K		1/10W
R9133	1-216-293-91		1K	5%	1/10W		13307	1 210-037-31	'GO CHIL	1001/	J 10	1/ 1VII
R9140	1-216-049-91		2.2K		1/10W 1/10W		R9508	1-216-017-91	מדט_כעדה	47	5%	1/10W
R9140 R9141				ეგ 5%			R9508	1-216-017-91			5%	
K3141	1-216-049-91	VE9_CUIL	1K	28	1/10W		K9509	1-210-049-91	KE9-CHIL	1K	28	1/10W



	PART.NO	DESCRIPTIO	N		REMARK	REF. NO.	PART.NO	DESCRIPTIO	N	RE	MARK
R9510	1-216-017-91	RES-CHIP	47	5% 1	/10W	C5331	1-163-089-00	CERAMIC CHIP	6PF	0.50PF	50V
R9511	1-216-049-91	RES-CHIP	1K	5% 1	/10W	C5332	1-163-227-11	CERAMIC CHIP	10PF	0.50PF	50V
9512	1-216-017-91	RES-CHIP	47	5% 1	/10W	C5333	1-163-035-00	CERAMIC CHIP	0.047UF		50V
9513	1-216-017-91	RES-CHIP	47	5% 1	/10W	C5334	1-163-113-00	CERAMIC CHIP	68PF	5.00%	50V
9514	1-216-017-91		47		/10W	C5350	1-107-907-11		22UF	20.00%	
9515	1-216-295-91	SHORT	0			C5351	1-163-087-00	CERAMIC CHIP	4PF	0.25PF	50V
9516	1-216-295-91	SHORT	0			C5352	1-163-017-00	CERAMIC CHIP	0.0047UF	10.00%	50V
9517	1-216-295-91	SHORT	0			C5353	1-163-075-00	CERAMIC CHIP	0.047UF		50V
9518	1-216-049-91	RES-CHIP	1K	5% 1	/10W	C5354	1-128-528-11	ELECT	470UF	20.00%	16V
9519	1-216-039-00	RES-CHIP	390	5% 1	/10W	C5355	1-107-967-11	ELECT	1UF	20.00%	400V
9520	1-216-039-00	RES-CHIP	390	5% 1	/10W	C5356	1-136-207-11	MYLAR	0.047UF	10.00%	400V
9521	1-216-039-00	RES-CHIP	390	5% 1	/10W	C5357	1-163-231-11	CERAMIC CHIP	15PF	5.00%	50V
9522	1-216-295-91	SHORT	0			C5358	1-163-087-00	CERAMIC CHIP	4PF	0.25PF	50V
9523	1-216-295-91	SHORT	0			C5359	1-163-035-00	CERAMIC CHIP	0.047UF		50V
9524	1-216-295-91	SHORT	0			C5360	1-163-113-00	CERAMIC CHIP	68PF	5.00%	50V
9525	1-216-057-00		2.2K		/10W	C5375	1-107-902-11		1UF	20.00%	
9526	1-216-057-00	RES-CHIP	2.2K	5% 1	/10W	C5376	1-102-106-00	CERAMIC	100PF	10.00%	50V
9527	1-216-057-00	RES-CHIP	2.2K	5% 1	/10W	C5377	1-104-331-11	CERAMIC	0.0022UF	10.00%	1KV
9528	1-216-025-91	RES-CHIP	100	5% 1	/10W	C5378	1-162-116-00	CERAMIC	680PF	10.00%	2KV
9529	1-216-025-91	RES-CHIP	100	5% 1	/10W	C5379	1-162-114-00	CERAMIC	0.0047UF		2KV
9530	1-216-025-91		100	5% 1	/10W	C5380	1-107-652-11		10UF	20.00%	
9531	1-216-295-91	SHORT	0			C5381	1-117-214-11	CERAMIC	0.001UF	10.00%	2KV
	< CRYSTAL	. >				C5382	1-162-114-00	CERAMIC	0.0047UF		2KV
9101	1-781-107-21	VIBRATOR, SEE	RAMIC				< CONNECT	OR >			
9500		VIBRATOR, CER				CN5400	1-564-511-11	PLUG, CONNEC	TOR 8P		
						CN5511	1-695-915-11	TAB (CONTACT)		
*A-16	38-139-A C	Board, Co	mplete	е		CN5600	1-508-766-00			CH) 4P	
	4-382-854-11	CODER (MOV10)	\ D Q1	M /T/			< DIODE >				
		SCREW (M3X10)	1	n (T)			< DIODE >				
	/ 01 D1 0 T F), E, Si	п (Т)		D5300	8-719-911-19		-25TD		
	< CAPACIT), E, Si	п (Т)		D5300 D5302	8-719-911-19				
·E 2 0 1		TOR >			E017		8-719-911-19	DIODE 1SS119)		
	1-163-075-00	COR >	0.04701	F	50V	D5302	8-719-911-19 8-719-901-83	DIODE 1SS119- DIODE 1SS83TI DIODE 1SS119-) -25TD		
:5302	1-163-075-00 1-128-528-11	COR > CERAMIC CHIP ELECT	0.047UI 470UF	F 20	.00% 16V	D5302 D5325	8-719-911-19 8-719-901-83 8-719-911-19	DIODE 1SS119- DIODE 1SS83TI DIODE 1SS8119- DIODE 1SS83TI) -25TD)		
25301 25302 25303	1-163-075-00 1-128-528-11 1-163-087-00	CERAMIC CHIP ELECT CERAMIC CHIP	0.047UI 470UF 4PF	F 20 0.	.00% 16V 25PF 50V	D5302 D5325 D5327	8-719-911-19 8-719-901-83 8-719-911-19 8-719-901-83	DIODE 1SS119- DIODE 1SS83TI DIODE 1SS8119- DIODE 1SS83TI) -25TD)		
:5302 :5303 :5304	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11	CERAMIC CHIP ELECT CERAMIC CHIP ELECT	0.047UI 470UF 4PF 1UF	F 20 0. 20	.00% 16V 25PF 50V .00% 400V	D5302 D5325 D5327	8-719-911-19 8-719-901-83 8-719-911-19 8-719-901-83 8-719-911-19	DIODE 1SS119- DIODE 1SS83TI DIODE 1SS8119- DIODE 1SS83TI) -25TD) -25TD		
5302 5303 5304	1-163-075-00 1-128-528-11 1-163-087-00	CERAMIC CHIP ELECT CERAMIC CHIP ELECT	0.047UI 470UF 4PF	F 20 0. 20	.00% 16V 25PF 50V	D5302 D5325 D5327 D5350	8-719-911-19 8-719-901-83 8-719-911-19 8-719-901-83 8-719-911-19	DIODE 1SS119- DIODE 1SS83TH DIODE 1SS119- DIODE 1SS83TH DIODE 1SS119-	0 -25TD 0 -25TD F-77		
5302 5303 5304 5305	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11 1-136-207-11	CERAMIC CHIP ELECT CERAMIC CHIP ELECT MYLAR	0.047UI 470UF 4PF 1UF 0.047UI	F 20 0. 20 F 10	.00% 16V 25PF 50V .00% 400V .00% 400V	D5302 D5325 D5327 D5350	8-719-911-19 8-719-901-83 8-719-911-19 8-719-901-83 8-719-911-19 8-719-991-33 8-719-901-83	DIODE 1SS119- DIODE 1SS83TH DIODE 1SS119- DIODE 1SS83TH DIODE 1SS119-	D -25TD D -25TD T-77		
25302 25303 25304 25305 25306	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11 1-136-207-11 1-163-017-00	CERAMIC CHIP ELECT CERAMIC CHIP ELECT MYLAR CERAMIC CHIP	0.047UI 470UF 4PF 1UF 0.047UI	F 20 0. 20 F 10 UF 10	.00% 16V 25PF 50V .00% 400V .00% 400V	D5302 D5325 D5327 D5350 D5351 D5353	8-719-911-19 8-719-901-83 8-719-911-19 8-719-901-83 8-719-911-19 8-719-991-33 8-719-901-83	DIODE 1SS119- DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS119- DIODE 1SS133* DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI	D -25TD D -25TD r-77 D		
5302 5303 5304 5305 5306 5307	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11 1-136-207-11 1-163-017-00 1-163-233-11	CERAMIC CHIP ELECT CERAMIC CHIP ELECT MYLAR CERAMIC CHIP CERAMIC CHIP	0.047UI 470UF 4PF 1UF 0.047UI 0.0047U	F 20 0. 20 F 10 UF 10 5.	.00% 16V 25PF 50V .00% 400V .00% 400V .00% 50V	D5302 D5325 D5327 D5350 D5351 D5353 D5375	8-719-911-19 8-719-901-83 8-719-911-19 8-719-901-83 8-719-911-19 8-719-991-33 8-719-901-83 8-719-991-33 8-719-991-33	DIODE 1SS119- DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS119- DIODE 1SS133* DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI	D -25TD D -25TD F-77 D F-77		
25302 25303 25304 25305 25306 25307 25308	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11 1-136-207-11 1-163-017-00 1-163-233-11 1-163-089-00	CERAMIC CHIP ELECT CERAMIC CHIP ELECT MYLAR CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.047UI 470UF 4PF 1UF 0.047UI 0.0047T 18PF 6PF	F 20 0. 20 F 10 UF 10 5. 0.	.00% 16V 25PF 50V .00% 400V .00% 400V .00% 50V 00% 50V 50PF 50V	D5302 D5325 D5327 D5350 D5351 D5353 D5375 D5376	8-719-911-19 8-719-901-83 8-719-911-19 8-719-901-83 8-719-911-19 8-719-991-33 8-719-901-83 8-719-991-33 8-719-991-33	DIODE 1SS119 DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS119 DIODE 1SS133 DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS133	D -25TD D -25TD F-77 D F-77		
5302 5303 5304 5305 5306 5307 5308 5309	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11 1-136-207-11 1-163-017-00 1-163-233-11 1-163-089-00 1-163-035-00	CERAMIC CHIP ELECT CERAMIC CHIP ELECT MYLAR CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.047UI 470UF 4PF 1UF 0.047UI 0.0047UI 18PF 6PF 0.047UI	F 20 0. 20 F 10 5. 0. F	.00% 16V 25PF 50V .00% 400V .00% 400V .00% 50V 00% 50V 50PF 50V 50V	D5302 D5325 D5327 D5350 D5351 D5353 D5375 D5376 D5377	8-719-911-19 8-719-901-83 8-719-911-19 8-719-901-83 8-719-911-19 8-719-991-33 8-719-991-33 8-719-991-33 8-719-991-33 8-719-908-03	DIODE 1SS119- DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS133 DIODE 1SS133 DIODE 1SS133 DIODE 1SS133 DIODE 1SS133	D -25TD D -25TD F-77 D F-77 F-77 KG23		
5302 5303 5304 5305 5306 5307 5308 5309	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11 1-136-207-11 1-163-017-00 1-163-233-11 1-163-089-00 1-163-035-00	CERAMIC CHIP ELECT CERAMIC CHIP ELECT MYLAR CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.047UI 470UF 4PF 1UF 0.047UI 0.0047UI 18PF 6PF 0.047UI	F 20 0. 20 F 10 5. 0. F	.00% 16V 25PF 50V .00% 400V .00% 400V .00% 50V 00% 50V 50PF 50V	D5302 D5325 D5327 D5350 D5351 D5353 D5375 D5376 D5377	8-719-911-19 8-719-901-83 8-719-911-19 8-719-901-83 8-719-911-19 8-719-991-33 8-719-991-33 8-719-991-33 8-719-991-33 8-719-908-03	DIODE 1SS119- DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS133- DIODE 1SS133- DIODE 1SS133- DIODE 1SS133- DIODE 1SS133- DIODE GPO8DPI DIODE MTZJ-T	D -25TD D -25TD F-77 F-77 F-77 KG23		
5302 5303 5304 5305 5306 5307 5308 5309 5310	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11 1-136-207-11 1-163-017-00 1-163-233-11 1-163-089-00 1-163-035-00 1-163-113-00	CERAMIC CHIP ELECT CERAMIC CHIP ELECT MYLAR CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.047UI 470UF 4PF 1UF 0.047UI 0.0047UI 18PF 6PF 0.047UI 68PF	F 20 0. 20 F 10 UF 5. 0. F	.00% 16V 25PF 50V .00% 400V .00% 400V .00% 50V 00% 50V 50PF 50V 50V 00% 50V	D5302 D5325 D5327 D5350 D5351 D5353 D5375 D5376 D5377	8-719-911-19 8-719-901-83 8-719-911-19 8-719-901-83 8-719-911-19 8-719-991-33 8-719-991-33 8-719-991-33 8-719-991-33 8-719-991-88 8-719-921-88 8-719-982-96	DIODE 1SS119 DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS119 DIODE 1SS133 DIODE 1SS133 DIODE 1SS133 DIODE 1SS133 DIODE 1SS133 DIODE GPO8DPI DIODE MTZJ-T- DIODE MTZJ-T-	0 -25TD 0 -25TD 1-77 1-77 1-77 1-77 1-73 1-77-33 1-77-13B		
25302 25303 25304 25305 25306 25307 25308 25309 25310	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11 1-136-207-11 1-163-017-00 1-163-233-11 1-163-089-00 1-163-035-00 1-163-113-00	CERAMIC CHIP ELECT CERAMIC CHIP ELECT MYLAR CERAMIC CHIP	0.047UI 470UF 4PF 1UF 0.047UI 0.0047UI 18PF 6PF 0.047UI 68PF	F 20 0. 20 F 10 UF 5. 0. F	.00% 16V 25PF 50V .00% 400V .00% 400V .00% 50V 00% 50V 50PF 50V 50V 00% 50V	D5302 D5325 D5327 D5350 D5351 D5353 D5375 D5376 D5377 D5378 D5379 D5380	8-719-911-19 8-719-901-83 8-719-901-83 8-719-901-19 8-719-911-19 8-719-991-33 8-719-901-83 8-719-991-33 8-719-991-33 8-719-991-38 8-719-982-96 8-719-982-96	DIODE 1SS119 DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS119 DIODE 1SS133 DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE GPO8DPI DIODE MTZJ-T- DIODE MTZJ-T- DIODE MTZJ-T-	0 -25TD 0 -25TD 1-77 1-77 1-77 3G23 -77-13B -77-2.2A		
25302 25303 25304 25305 25306 25307 25308 25309 25310 25325 25326	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11 1-136-207-11 1-163-017-00 1-163-233-11 1-163-089-00 1-163-113-00 1-163-087-00 1-163-017-00	CERAMIC CHIP ELECT CERAMIC CHIP ELECT MYLAR CERAMIC CHIP	0.047UI 470UF 4PF 1UF 0.047UI 0.0047UI 68PF 4PF 0.0047U	F 20 0. 20 F 10 5. 0. F 5. UF 10	.00% 16V 25PF 50V .00% 400V .00% 50V 00% 50V 50PF 50V 50V 00% 50V 25PF 50V .00% 50V	D5302 D5325 D5327 D5350 D5351 D5353 D5375 D5376 D5377	8-719-911-19 8-719-901-83 8-719-901-83 8-719-901-19 8-719-911-19 8-719-991-33 8-719-901-83 8-719-991-33 8-719-991-33 8-719-991-38 8-719-982-96 8-719-982-96	DIODE 1SS119 DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS119 DIODE 1SS133 DIODE 1SS133 DIODE 1SS133 DIODE 1SS133 DIODE 1SS133 DIODE GPO8DPI DIODE MTZJ-T- DIODE MTZJ-T-	0 -25TD 0 -25TD 1-77 1-77 1-77 3G23 -77-13B -77-2.2A		
25302 25303 25304 25305 25306 25307 25308 25309 25310 25325 25326 25328	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11 1-136-207-11 1-163-017-00 1-163-233-11 1-163-089-00 1-163-113-00 1-163-017-00 1-163-017-00 1-163-017-00 1-128-528-11	CERAMIC CHIP ELECT CERAMIC CHIP ELECT MYLAR CERAMIC CHIP	0.047UI 470UF 4PF 1UF 0.047UI 0.0047UI 68PF 4PF 0.0047U 470UF	F 20 0. 20 F 10 5. 0. F 5. UF 10 20	.00% 16V 25PF 50V .00% 400V .00% 50V 00% 50V 50PF 50V 50V 00% 50V 25PF 50V .00% 50V	D5302 D5325 D5327 D5350 D5351 D5353 D5375 D5376 D5377 D5378 D5379 D5380	8-719-911-19 8-719-901-83 8-719-901-83 8-719-901-19 8-719-901-19 8-719-901-83 8-719-901-83 8-719-991-33 8-719-991-33 8-719-908-03 8-719-982-96 8-719-982-96 8-719-982-96	DIODE 1SS119 DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS119 DIODE 1SS133 DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE GPO8DPI DIODE MTZJ-T- DIODE MTZJ-T- DIODE MTZJ-T-	0 -25TD 0 -25TD 1-77 1-77 1-77 3G23 -77-13B -77-2.2A		
25302 25303 25304 25305 25306 25307 25308 25309 25310 25325 25326	1-163-075-00 1-128-528-11 1-163-087-00 1-107-967-11 1-136-207-11 1-163-017-00 1-163-233-11 1-163-089-00 1-163-113-00 1-163-087-00 1-163-017-00	CERAMIC CHIP ELECT CERAMIC CHIP ELECT MYLAR CERAMIC CHIP ELECT ELECT	0.047UI 470UF 4PF 1UF 0.047UI 0.0047UI 68PF 4PF 0.0047U	F 20 0. 20 F 10 5. 0. F 5. UF 10 20 20	.00% 16V 25PF 50V .00% 400V .00% 50V 00% 50V 50PF 50V 50V 00% 50V 25PF 50V .00% 50V	D5302 D5325 D5327 D5350 D5351 D5353 D5375 D5376 D5377 D5378 D5379 D5380	8-719-911-19 8-719-901-83 8-719-901-83 8-719-901-19 8-719-911-19 8-719-991-33 8-719-901-83 8-719-991-33 8-719-991-33 8-719-991-38 8-719-982-96 8-719-982-96	DIODE 1SS119 DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS119 DIODE 1SS133 DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE 1SS83TI DIODE GPO8DPI DIODE MTZJ-T- DIODE MTZJ-T- DIODE MTZJ-T-	0 -25TD 0 -25TD 1-77 1-77 1-77 3G23 -77-13B -77-2.2A		

The components identified by shading and marked Δ are critical for safety

Replace only with the part number specified.

R5333 1-216-057-00 RES-CHIP

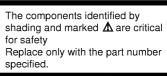




-										
REF. NO.	PART.NO	DESCRIPTION	l	REMARK	REF. NO.	PART.NO	DESCRIPTIO	N		REMARK
IC5325	8-759-360-83	IC TDA6111Q/N	4		R5334	1-216-059-00	RES-CHIP	2.7K	5%	1/10W
C5350	8-759-360-83	IC TDA6111Q/N	4		R5335	1-216-658-11	METAL CHIP	2K	0.5%	1/10W
					R5350	1-249-417-11	CARBON	1K	5%	1/4W
	< SOCKET	>			R5351	1-247-807-31	CARBON	100	5%	1/4W
					R5352	1-249-416-11	CARBON	820	5%	1/4W
5375 <i>∆</i>	1-540-071-22	SOCKET, CRT	_			1 010 101 11	G1 DD 011	0.00	F.0	4 / 400
	4 0077				R5353	1-249-421-11		2.2K		1/4W
	< COIL >				R5354	1-249-418-11		1.2K		1/4W
-200	1 400 501 11	TURNAMAR	1 ****		R5355		LEAD, JUMPER	•	•	1 /1 0**
5300	1-408-591-11		1UH		R5356	1-216-659-11				1/10W
5325	1-408-591-11		1UH		R5357	1-202-557-00	SOLID	220	20%	1/2W
5350	1-408-591-11		1UH							•
5375	1-410-671-31		47UH		R5358	1-215-929-11		100K		3W
5376	1-532-637-00	LINK, IC 1A/1	50 V		R5359	1-247-863-91		22K	5%	1/4W
					R5360	1-249-424-11		3.9K		1/4W
5377	1-414-183-41	INDUCTOR	10UH		R5361	1-249-431-11		15K	5%	1/4W
	/ MDANOTO	TMOD N			R5362	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
	< TRANSIS	STUK >			R5363	1-216-059-00	RES-CHIP	2.7K	5%	1/10W
5300	8-729-255-12	TRANSISTOR 2S	C25510-TPE2		R5364	1-216-658-11	METAL CHIP	2K		1/10W
5301		TRANSISTOR 2S		ζ	R5375	1-249-435-11		33K	5%	1/4W
325		TRANSISTOR 2S	-	•	R5376	1-249-429-11		10K	5%	1/4W
5326		TRANSISTOR 2S		{	R5377	1-249-430-11		12K	5%	1/4W
5350		TRANSISTOR DT	_	•	1.0077	1 2.3 .30 11	on Don		3.	-,
					R5378	1-249-429-11		10K	5%	1/4W
351		TRANSISTOR 2S			R5379	1-249-438-11		56K	5%	1/4W
352	8-729-216-22	TRANSISTOR 2S	B709A-QRS-TX	ζ	R5380	1-247-863-91	CARBON	22K	5%	1/4W
5375	8-729-119-78	TRANSISTOR 2S	C1740S-RT		R5381	1-216-055-00	RES-CHIP	1.8K	5%	1/10W
5376	8-729-026-39	TRANSISTOR 2S.	A933AS-RT		R5382	1-202-549-00	SOLID	100	20%	1/2W
	< RESISTO)R >			R5383	1-535-143-51	LEAD, JUMPER	(20.0)	ΔM)	
					R5384		LEAD, JUMPER	,	,	
5300	1-249-417-11	CARBON	1K 5%	1/4W	R5385	1-202-549-00			20%	1/2W
5301	1-247-807-31		100 5%	1/4W	R5386	1-202-884-11			20%	1/2W
5302		LEAD, JUMPER		1/ 11	R5387	1-202-884-11			20%	1/2W
5303	1-216-659-11		2.2K 0.5%	1 /1 OW	1.5507	1 202 004 11	DOLLD	02011	200	1/211
5304	1-202-557-00		220 20%	1/2W	R5388	1-215-911-11	METAL OYIDE	100	5%	3W
1304	1-202-337-00	POULD	220 20%	1/24	R5389	1-249-417-11		100 1K	5%	1/4W
305	1-215-929-11	אופייא ו העדה	100K 5%	3W	L)303	1-249-417-11	CARBON	II	J*	T/ 4M
5306	1-249-424-11		3.9K 5%	3W 1/4W						
	1-249-424-11					< VARIABI	LE RESISTOR >			
5307			22K 5%	1/4W						
5308	1-216-057-00		2.2K 5%	1/10W	RV5375		RES, ADJ, ME			
5309	1-216-658-11	METAL CHIP	2K 0.5%	1/10W	RV5376	1-230-641-11	RES, ADJ, ME	TAL GLA	AZE 2.2	2M
5310	1-216-059-00	RES-CHIP	2.7K 5%	1/10W	.*∧ 16	40-328-A	Board, Co	mplot	o (K)	-28E075\
5325	1-249-417-11	CARBON	1K 5%	1/4W			Board, Col Board, Col			
5326	1-247-807-31	CARBON	100 5%	1/4W	A-10	-10-020-A T L	-Doald, Col	mpiel	c (NV	-321 (4/3)
5327		LEAD, JUMPER	(5.0MM)		1					
5328	1-216-659-11		2.2K 0.5%	1/10W	D Boa	ard, Common	Parts			
- 202	1 000 555 00	401 TD	000 000	1 /017		1_60= 01= 11	man /oosmaom	,		
5329	1-202-557-00		220 20%	1/2W			TAB (CONTACT)			
5330	1-215-929-11		100K 5%	3W			SPACER, INSU	LATING		
5331	1-249-424-11		3.9K 5%	1/4W		4-202-373-01				
5332	1-247-863-91		22K 5%	1/4W			SCREW (M3X10)		ś₩ (+)	
5333	1-216-057-00	RES-CHIP	2 2K 5%	1/10W	1	*4-931-401-01	HEAT SINK, V	. OUT		

2.2K 5% 1/10W

*4-931-401-01 HEAT SINK, V.OUT

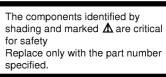


REF. NO		PART.NO	DESCRIP	TION	RE	MARK	REF. NO.	PART.NO	DESCRIPTIO	N	RE	MARK
		< CAPACIT	OR >				C6659	1-104-665-11	ELECT	100UF	20.00%	25V
							C6661	1-117-753-11	ELECT (BLOCK)	470UF	20.00%	450V
C6600	Δ	1-113-927-11	CERAMIC	10000PF	20.00%	250V	C6662	1-136-165-00	MYLAR	0.1UF	5.00%	50V
C6603		1-126-933-11	ELECT	100UF	20.00%	16V	C6664	1-136-153-00	MYLAR	0.01UF	5.00%	50V
C6604		1-126-767-11	ELECT	1000UF	20.00%	16V	C6665	1-136-165-00	MYLAR	0.1UF	5.00%	50V
C6605	Δ	1-119-888-51	CERAMIC	2200PF	20.00%	250V	mi i					
C6606	Δ	1-119-888-51	CERAMIC	2200PF	20.00%	250V	C6666	1-136-165-00	MYLAR	0.1UF	5.00%	50V
							C6667	1-126-933-11	ELECT	100UF	20.00%	16V
C6607	Δ	1-136-415-51	FILM	0.33UF	20.00%	300V	C6668	1-126-933-11	ELECT	100UF	20.00%	16V
C6608	Δ	1-161-964-91	CERAMIC	0.0047UF		250V	C6669	1-136-165-00	MYLAR	0.1UF	5.00%	50V
C6609	Δ	1-161-964-91	CERAMIC	0.0047UF		250V	C6670	1-136-165-00	MYLAR	0.1UF	5.00%	50V
C6610	Δ	1-161-964-91	CERAMIC	0.0047UF		250V						
C6611	Δ	1-161-964-91	CERAMIC	0.0047UF		250V	C6671	1-104-664-11	ELECT	47UF	20.00%	16V
£							C6672	1-104-664-11	ELECT	47UF	20.00%	16V
C6612		1-113-927-11	CERAMIC	10000PF	20.00%	250V	C6677	1-136-165-00	MYLAR	0.1UF	5.00%	50V
C6616		1-164-625-11	CERAMIC	680PF	10.00%	500V	C6679	1-130-495-00	MYLAR	0.1UF	5.00%	50V
C6617		1-164-625-11	CERAMIC	680PF	10.00%		C6680	1-137-150-11	MYLAR	0.01UF	5.00%	50V
C6618		1-136-175-00	MYLAR	0.68UF	5.00%							
C6619		1-137-194-91	MYLAR	0.47UF	5.00%	50V	C6681	1-126-964-11	ELECT	10UF	20.00%	50V
							C6682	1-107-679-91	ELECT	10UF	20.00%	450V
C6620		1-136-618-11	FILM	0.047UF	5.00%	1.25KV	C6700	1-102-129-00	CERAMIC	0.01UF	10.00%	
C6621		1-136-175-00	MYLAR	0.68UF	5.00%	50V	C6703	1-128-527-11	ELECT	330UF	20.00%	25V
C6622		1-164-625-11	CERAMIC	680PF	10.00%		C6704	1-126-968-11	ELECT	100UF	20.00%	50V
C6623		1-137-194-91	MYLAR	0.47UF	5.00%							
C6624		1-126-968-11	ELECT	100UF	20.00%		C6705	1-128-527-11	ELECT	330UF	20.00%	25V
							C6706	1-137-401-11	MYLAR	0.22UF	10.00%	
C6626		1-164-625-11	CERAMIC	680PF	10.00%	500V	C6707	1-129-702-00	MYLAR	0.001UF	10.00%	
C6627		1-164-625-11		680PF	10.00%		C6708	1-106-220-00	MYLAR	0.1UF	10.00%	
C6628		1-126-936-11		3300UF	20.00%		C6709	1-102-129-00	CERAMIC	0.01UF	10.00%	
C6629		1-128-548-11		4700UF	20.00%		*****			******		•••
C6630		1-110-626-11		330UF	20.00%		C6710	1-130-785-11	MYLAR	0.47UF	10.00%	100V
							C6727	1-102-228-00	CERAMIC	470PF	10.00%	
C6631		1-126-955-11	ELECT	4700UF	20.00%	35V	C6801	1-104-664-11	ELECT	47UF	20.00%	
C6632		1-126-955-11	ELECT	4700UF	20.00%		C6802	1-126-960-11	ELECT	1UF	20.00%	
C6634		1-136-165-00	MYLAR	0.1UF	5.00%		C6803	1-126-960-11	ELECT	1UF	20.00%	
C6635		1-104-664-11	ELECT	47UF	20.00%							
C6636		1-102-129-00		0.01UF	10.00%		C6804	1-102-114-00	CERAMIC	470PF	10.00%	50V
				******			C6805	1-102-114-00		470PF	10.00%	
C6637		1-102-129-00	CERAMIC	0.01UF	10.00%	50V	C6808	1-102-030-00		330PF	10.00%	
C6638		1-137-368-11		0.0131 0.0047UF	5.00%		C6809	1-102-030-00		330PF	10.00%	
C6639		1-102-228-00		470PF	10.00%		C6810	1-107-368-11		0.047UF	10.00%	
C6641		1-126-967-11		47UF	20.00%						20.000	
C6642		1-128-551-11		22UF	20.00%		C6811	1-107-368-11	MYLAR	0.047UF	10.00%	200V
							C6812	1-162-131-11		220PF	10.00%	
C6647		1-104-664-11	ELECT	47UF	20.00%	25V	C6813	1-162-134-11		470PF	10.00%	
C6649		1-126-965-11		22UF	20.00%		C6816	1-130-471-00		0.001UF	5.00%	
C6651		1-120-905-11		0.0047UF	20.000	250V	C6817	1-125-893-11		680PF	3.00%	
C6652		1-101-904-91		10UF	20.00%		50017	1 123 033 11		00011	5.000	
C6653		1-126-968-11		100F	20.00%		C6818	1-125-893-11	FTT.M	680PF	3.00%	1 5KV
50055		_ 120 700 11		7440F	_ 0.000		C6819	1-125-893-11		680PF	3.00%	
C6654		1-162-117-00	СЕБУМІС	100PF	10.00%	500V	C6820	1-125-893-11		680PF	3.00%	
C6655		1-102-117-00		47PF	5.00%		C6824	1-123-893-11		0.1UF	5.00%	
C6656		1-107-974-11		47PF 47UF			C6827	1-107-846-11		0.1UF	5.00%	
C6657		1-126-967-11		470F 470UF	20.00%		C002/	1-10/-040-11	t Tini	0.105	J.006	2301
C6658		1-126-941-11			20.00%		C6020	1-127-681-11	פדוא אפופ	10000PF	28	100V
C0030		T_T04_000_TI	THECT	100UF	20.00%	234	C6828				2% 2%	
							C6829	1-127-680-11	LITM WETE.	4700PF	2%	100V

The components identified by shading and marked ♠ are critical for safety
Replace only with the part number specified.



REF. NO.	PART.NO	DESCRIPTION REMARK			REF. NO.	PART.NO	DESCRIPTION	REMARK
C6830	1-107-655-11	ELECT	47UF	20.00% 250V	D6623	8-719-911-19	DIODE 1SS119-25TD	
C6831	1-102-228-00	CERAMIC	470PF	10.00% 500V	D6624	8-719-991-33	DIODE 1SS133T-77	
C6832	1-126-941-11	ELECT	470UF	20.00% 25V	D6625	8-719-991-33	DIODE 1SS133T-77	
C6833	1-126-941-11	ELECT	470UF	20.00% 25V	D6626	8-719-991-33	DIODE 1SS133T-77	
C6834	1-102-228-00	CERAMIC	470PF	10.00% 500V	D6627	8-719-982-27	DIODE MTZJ-T-77-33C	
C6835	1-102-228-00	CERAMIC	470PF	10.00% 500V	D6628	8-719-109-97	DIODE MTZJ-T-77-6.8	
C6836	1-123-024-21	ELECT	33UF	160V	D6629	8-719-991-33	DIODE 1SS133T-77	
C6837	1-106-375-12		0.022UF	10.00% 250V	D6630	8-719-991-33	DIODE 1SS133T-77	
C6840	1-137-150-11		0.01UF	5.00% 50V	D6631	8-719-991-33	DIODE 1SS133T-77	
C6841	1-104-664-11	ELECT	47UF	20.00% 16V	D6651	8-719-068-00	DIODE ERC04-06SE	
C6844	1-115-513-21		0.18UF	5.00% 250V	D6652	8-719-923-78	DIODE MTZJ-T-77-12	
26851	1-162-131-11		220PF	10.00% 2KV	D6653	8-719-063-73	DIODE D1NL20U-TR	
C6852	1-162-129-00	CERAMIC	150PF	10.00% 2KV	D6654	8-719-059-23	DIODE P6KE200AG23	
C6853	1-129-898-00		0.0022UF	5.00% 630V	D6655		DIODE UF4005PKG23	
C6855	1-136-205-11	MYLAR	0.022UF	10.00% 400V	D6656	8-719-063-73	DIODE D1NL20U-TR	
C6856	1-102-030-00		330PF	10.00% 500V	D6658		DIODE ERC04-06SE	
C6857	1-130-785-11		0.47UF	10.00% 100V	D6659		DIODE D1NL20U-TR	
C6861	1-130-471-00		0.001UF	5.00% 50V	D6676		DIODE 1SS133T-77	
C6862	1-130-471-00	MYLAR	0.001UF	5.00% 50V	D6677	8-719-921-40		
	< CONNECT	'OR >			D6678	8-719-921-40	DIODE MTZJ-T-77-4.7B	
					D6679	8-719-991-33	DIODE 1SS133T-77	
N6100	1-785-802-11				D6681		DIODE 1SS133T-77	
N6101	1-785-802-11				D6700	8-719-200-02	DIODE ERA15-02TP1	
CN6102	1-785-802-11	,	•	•	D6701	8-719-110-41	DIODE MTZJ-T-77-15B	
CN6500	1-508-766-00	,	•	·	D6803	8-719-200-02	DIODE ERA15-02TP1	
CN6600	1-695-299-11	CONNECTOR, E	BOARD TO BOA	RD 50P		4 505 440 44	(40 0)	
			/		D6804		LEAD, JUMPER (10.0MM)	
CN6611	*1-785-270-12				D6805		DIODE RGP10GPKG23	
	△ 1-508-765-00			·	D6806		DIODE RGP15GPKG23	
	△ *1-508-786-00				D6807		DIODE S3L20UF4	
.N6/UU	↑ *1-691-291-11	PIN, CONNECT	TOR (PC BOAR	טנ (ע	D6808	8-719-510-73	DIODE S3L20UF4	
	< DIODE >	•			D6809		DIODE 1SS133T-77	4 /400
	0 710 011 10	DTODE 10011/) () Emp		D6810	1-247-895-91		1/4W
06600	8-719-911-19				D6811		DIODE MTZJ-T-77-15B	
06601	8-719-063-73				D6851		DIODE ERA38-06TP1	
06602 06603	8-719-109-89 8-719-911-19				D6852	0-119-9/0-8/	DIODE ERA38-06TP1	
06604	8-719-510-53					< FERRITE	BEAD >	
	0 840 004 00	DTOP# 122122)m 77			1 440 000 11	- A 120	
06605	8-719-991-33				FB6602	1-410-396-41		
06610	8-719-063-73				FB6603	1-410-396-41	FERRITE 0.45UH	
06613	8-719-911-19							
06615 06616	8-719-911-19					< IC >		
0010	8-719-510-12	דוח קוחסזרע 102C4	1711		IC6600	1-810-051-11	POWER MODULE DM-48	
06617	8-719-500-71	DIODE D8LC40)F		IC6604		TRANSISTOR MX0842A-F	
06618	8-719-079-50				IC6651	8-759-468-89		
06619	8-719-510-12				IC6652	8-759-394-35		
06621	8-719-991-33				IC6653		IC KA78R09-YDTU	
6622	8-719-991-33							
					IC6654	8-759-574-76	IC KA78R05-SYDTU	



D

8-759-908-15 8-759-908-15 8-759-192-71			Q6680					
	TC MT 421C7		20000	8-729-029-66	TRANSISTOR DI	C114ES	A-TP	
8-759-192-71	10 1143102		Q6681	8-729-029-66	TRANSISTOR DI	C114ES	A-TP	
	IC STV9379		Q6700	8-729-039-68	TRANSISTOR IF	RF620		
8-759-103-93	IC LM393P		Q6801	8-729-119-80	TRANSISTOR 2S	C2688-	·LK	
			Q6802	8-729-119-80	TRANSISTOR 28	C2688-	·LK	
< COIL >			Q6803	8-729-046-18	TRANSISTOR 2S	C5480-	·01	
1-412-525-31	TNDUCTOR	10UH						
								9
								•
			I "					
		8.2UH	-					
1_412_510_11	TNIDIICTOD	2 2mu	Q6851	8-729-043-95	TRANSISTOR 2S	C3840K	i	
				✓ D₽QTQͲΛ	ID \			
				/ VE91910	W /			
			R6601	∧ 1-202-968-11	CEMENTED	1.2	5%	10W
			10					1/4W
- 333 3V3-VV	BERD , UVNIFER	(0.022)						1/4W
1-410-397-21	FERRITE	1 1IIH						1/4W
			R6605			1K	5%	1/4W
							= ^	444
< FILTER	>							10W
1 406 650 11	TURNAMAR	1 0 0 0 0						10W
								1/2W
								1/2W
			K6613	1-216-369-00	METAL OXIDE	1	5%	2W
			R6614	1-260-125-11	CARBON	150K	5%	1/2W
< IC LINK	>		R6615	1-260-125-11	CARBON	150K	5%	1/2W
						1	5%	2W
								1/4W
			R6620	1-249-443-11	CARBON	0.47	5%	1/4W
1-801-550-21	PROTECTOR, MOD	ULE 2.5A MP250						1/4W
								1/4W
< TRANSIS	TOR >							1/4W
0 700 046 47	MD334GTGMGD 7/GG	0500 200	1					1/4W
			K6628	1-260-129-11	CARBON	33UK	2%	1/2W
			R6629	1-260-129-11	CARBON	330K	5%	1/2W
8-729-046-47			R6630			1K	5%	1/4W
								1/4W
			1					2W
8-729-119-78	TRANSISTOR 2SC	1740S-RT	R6633			10K	5%	1/4W
8-729-029-66				-				•
8-729-029-66	TRANSISTOR DTC	114ESA-TP	R6635	1-535-143-11	LEAD, JUMPER	(10.0M	IM)	
8-729-026-39			R6637				•	1/4W
8-729-029-86			R6638					1/4W
			R6639			820	5%	1/4W
8-729-026-39	TRANSISTOR 2SA	933AS-RT	R6640			1K	5%	1/4W
8-729-119-78	TRANSISTOR 2SC	1740S-RT						
8-729-119-78	TRANSISTOR 2SC	1740S-RT	R6641	1-260-127-11	CARBON	220K	5%	1/2W
8-729-119-78	TRANSISTOR 2SC	1740S-RT	R6642	1-249-389-11	CARBON	4.7	5%	1/4W
8-729-026-39	TRANSISTOR 2SA	933AS-RT	R6643	1-249-417-11	CARBON	1K	5%	1/4W
			R6644	1-249-429-11	CARBON	10K	5%	1/4W
	1-412-523-41 1-412-525-31 1-414-183-41 1-412-524-11 1-412-519-11 1-412-519-11 1-412-533-21 1-408-947-00 1-535-303-00 < FILTER 1-406-659-11 1-406-659-11 1-406-659-11 1-406-659-11 1-406-674-11	1-410-397-21 FERRITE 1-535-303-00 LEAD, JUMPER < FILTER > 1-406-659-11 INDUCTOR 1-406-659-11 INDUCTOR 1-406-659-11 INDUCTOR 1-406-674-11 INDUCTOR < IC LINK > 1-801-550-21 PROTECTOR, MOD 1-801-550-21 PROTECTOR, MOD < TRANSISTOR > 8-729-046-47 TRANSISTOR KSC 8-729-026-39 TRANSISTOR 2SA 8-729-119-78 TRANSISTOR DTC 8-729-029-66 TRANSISTOR DTC 8-729-029-86 TRANSISTOR DTC 8-729-029-86 TRANSISTOR DTC 8-729-029-86 TRANSISTOR DTC 8-729-029-86 TRANSISTOR 2SA 8-729-119-78 TRANSISTOR 2SC	1-412-523-41 INDUCTOR 6.8UH 1-412-525-31 INDUCTOR 10UH 1-414-183-41 INDUCTOR 10UH 1-414-183-41 INDUCTOR 8.2UH 1-412-519-11 INDUCTOR 3.3UH 1-412-519-11 INDUCTOR 3.3UH 1-412-533-21 INDUCTOR 47UH 1-408-947-00 INDUCTOR 2.2MH 1-535-303-00 LEAD, JUMPER (5.0MM) 1-410-397-21 FERRITE 1.1UH 1-535-303-00 LEAD, JUMPER (5.0MM) < FILTER > 1-406-659-11 INDUCTOR 10UH 1-406-659-11 INDUCTOR 10UH 1-406-985-11 INDUCTOR 2.2MH 1-406-674-11 INDUCTOR 3.3MH < IC LINK > 1-801-550-21 PROTECTOR, MODULE 2.5A MP250 1-801-599-21 PROTECTOR, MODULE 2.5A M	1-412-523-41 INDUCTOR 6.8UH Q6805 1-412-525-31 INDUCTOR 10UH Q6806 1-414-183-41 INDUCTOR 10UH Q6807 1-412-514-11 INDUCTOR 8.2UH Q6851 1-412-519-11 INDUCTOR 3.3UH 1-412-519-11 INDUCTOR 3.3UH 1-412-519-11 INDUCTOR 3.3UH 1-412-533-21 INDUCTOR 47UH 1-408-947-00 INDUCTOR 2.2MH R6601 1-535-303-00 LEAD, JUMPER (5.0MM) R6602 R6603 1-410-397-21 FERRITE 1.1UH R6604 1-535-303-00 LEAD, JUMPER (5.0MM) R6605 <filter> R6606 1-406-659-11 INDUCTOR 10UH R6611 1-406-659-11 INDUCTOR 10UH R6611 1-406-659-11 INDUCTOR 2.2MH R6613 1-406-674-11 INDUCTOR 2.2MH R6613 1-406-674-11 INDUCTOR 3.3MH R6614 <ic link=""> R6614 <ic link=""> R6615 1-801-550-21 PROTECTOR, MODULE 2.5A MP250 R6620 1-801-599-21 PROTECTOR, MODULE 2.5A MP250 R6620 1-801-590-21 PROTECTOR, MODULE 2.5A MP250 R6620 1-801-590-21 PROTECTOR, MODULE 2.5A MP250 R6624 8-729-046-47 TRANSISTOR KSC2500-BTA R6628 8-729-026-39 TRANSISTOR SSC2500-BTA R6633 8-729-029-56 TRANSISTOR DTC114ESA-TP R6633 8-729-029-66 TRANSISTOR DTC114ESA-TP R6633 8-729-029-66 TRANSISTOR DTC114ESA-TP R6633 8-729-029-66 TRANSISTOR DTC114ESA-TP R6636 8-729-029-86 TRANSISTOR SSC251740S-RT R6638 8-729-029-86 TRANSISTOR DTC114ESA-TP R6638 8-729-119-78 TRANSISTOR DTC114ESA-TP R6638 8-729-119-78 TRANSISTOR DTC114ESA-TP R6638 8-729-119-78 TRANSISTOR DTC114ESA-TP R6641 8-729-119-78 TRANSISTOR DTC114ESA-TP R6641 8-729-119-78 TRANSISTOR DTC114ESA-TP R6641 8-729-119-78 TRANSISTOR DTC114ESA-TP R6641 8-729-119-78 TRANSISTOR DTC114ESA-TP R6641</ic></ic></filter>	1-412-523-41 INDUCTOR 6.8UH Q6805 8-729-038-83 1-412-525-31 INDUCTOR 10UH Q6806 8-729-047-59 1-414-183-41 INDUCTOR 10UH Q6807 8-729-030-02 1-412-519-11 INDUCTOR 8.2UH Q6807 8-729-030-02 1-412-519-11 INDUCTOR 3.3UH Q6851 8-729-043-95 1-412-519-11 INDUCTOR 3.3UH Q6851 8-729-043-95 1-412-519-11 INDUCTOR 47UH R6601 △ 1-202-968-11 1-412-532-21 INDUCTOR 47UH R6601 △ 1-202-968-11 1-535-303-00 LEAD, JUMPER (5.0MM) R6602 1-247-863-91 1-410-397-21 FERRITE 1.1UH R6604 1-249-421-11 1-535-303-00 LEAD, JUMPER (5.0MM) R6603 1-249-430-11 1-410-397-21 FERRITE 1.1UH R6604 1-249-421-11 1-535-303-00 LEAD, JUMPER (5.0MM) R6605 1-249-417-11 <pre></pre>	1-412-523-41 INDUCTOR 6.8UH Q6805 8-729-038-83 TRANSISTOR 25 1-412-525-31 INDUCTOR 10UH Q6806 8-729-047-59 TRANSISTOR 25 1-412-525-31 INDUCTOR 10UH Q6807 8-729-043-95 TRANSISTOR 25 1-412-525-11 INDUCTOR 3.3UH 1-412-519-11 INDUCTOR 3.3UH 1-412-533-21 INDUCTOR 47UH 1-408-947-00 INDUCTOR 2.2MH R6601 A 1-209-968-11 CARBON R6603 1-247-839-11 CARBON R6603 1-249-430-11 CARBON R6603 1-249-430-11 CARBON R6603 1-249-430-11 CARBON R6603 1-249-421-11 CARBON R6603 1-249-421-11 CARBON R6604 1-249-421-11 CARBON R6605 1-249-417-11 CARBON R6605 1-249-417-11 CARBON R6605 1-249-417-11 CARBON R6606 A 1-220-978-11 CARBON R6606 A 1-	1-412-523-41 INDUCTOR 6.8UH 1-412-524-11 INDUCTOR 10UH 1-412-524-11 INDUCTOR 8.2UH 1-412-524-11 INDUCTOR 3.3UH 1-412-519-11 INDUCTOR 3.3UH 1-412-519-11 INDUCTOR 3.3UH 1-412-519-11 INDUCTOR 3.3UH 1-412-519-11 INDUCTOR 47UH 1-412-519-11 INDUCTOR 47UH 1-412-519-11 INDUCTOR 47UH 1-412-519-11 INDUCTOR 47UH 1-535-303-00 LEAD, JUMPER (5.0MM) R6602 1-247-863-91 CARBON 2ZK 1-535-303-00 LEAD, JUMPER (5.0MM) R6603 1-249-430-11 CARBON 1ZK 1-535-303-00 LEAD, JUMPER (5.0MM) R6603 1-249-417-11 CARBON 1ZK 1-535-303-00 LEAD, JUMPER (5.0MM) R6603 1-249-417-11 CARBON 1ZK 1-535-303-00 LEAD, JUMPER (5.0MM) R6604 1-249-412-11 CARBON 1ZK 1-535-303-00 LEAD, JUMPER (5.0MM) R6605 1-249-417-11 CARBON 1ZK 1-535-303-00 LEAD, JUMPER (5.0MM) R6605 1-249-417-11 CARBON 1ZK 1-606-659-11 INDUCTOR 10UH R6611 1-260-125-11 CARBON 150K 1-406-659-11 INDUCTOR 10UH R6612 1-260-125-11 CARBON 150K 1-406-659-11 INDUCTOR 3.3MH 1-406-659-11 PROTECTOR, MODULE 2.5A MEZSO R6605 1-249-447-11 CARBON 150K 1-406-59-11 INDUCTOR 3.3MH 1-406-659-11 PROTECTOR, MODULE 2.5A MEZSO R6605 1-249-442-11 CARBON 150K 1-406-659-11 INDUCTOR 3.3MH 1-406-69-11	1-412-522-41 INDUCTOR 6.0UH 06806 8-729-047-59 TRANSISTOR 25K2251-01-F1 1-412-524-11 INDUCTOR 1.0UH 06807 8-729-030-02 TRANSISTOR STRENGTOR TPC144ESA-TP 1-412-519-11 INDUCTOR 3.3UH



REF. NO.	PART.NO	DESCRIPTIO	N		REMARK	REF. NO.	PART.NO	DESCRIPTION	N		REMARK
R6645	1-260-131-11	CARBON	470K	5%	1/2W	R6805	1-249-408-11	CARBON	180	5%	1/4W
R6646	1-249-429-11	CARBON	10K	5%	1/4W	R6806	1-249-411-11	CARBON	330	5%	1/4W
R6647	1-249-410-11	CARBON	270	5%	1/4W	R6807	1-249-411-11	CARBON	330	5%	1/4W
R6648	1-247-863-91	CARBON	22K	5%	1/4W	R6808	1-260-340-11	CARBON	10K	5%	1/2W
R6649	1-215-926-00	METAL OXIDE	33K	5%	3W	R6809	1-260-340-11	CARBON	10K	5%	1/2W
R6651	1-247-791-91	CARBON	22	5%	1/4W	R6811	1-216-461-00	METAL OXIDE	5.6K	5%	2W
R6652	1-249-389-11		4.7	5%	1/4W	R6812	1-215-895-11	METAL OXIDE	3.3K	5%	2W
R6653	1-249-421-11		2.2K	5%	1/4W	R6813	1-215-920-11	METAL OXIDE	3.3K		3W
R6655	1-249-429-11		10K	5%	1/4W	R6814	1-215-880-00	METAL OXIDE	10	5%	2W
R6656	1-218-265-11	METAL	8.2M	5%	1W	R6815	1-215-880-00	METAL OXIDE	10	5%	2W
R6657	1-215-421-00		1K	1%	1/4W	R6816	1-216-361-00	METAL OXIDE	0.22	5%	2W
R6666	1-202-933-61		0.1	10%	1/2W	R6817	1-216-361-00	METAL OXIDE	0.22	5% = °	2W
R6667	1-215-441-00		6.8K		1/4W	R6818	1-249-405-11		100	5% =°	1/4W
R6668	1-249-428-11			5% =°	1/4W	R6819	1-247-807-31		100	5%	1/4W
R6669	1-249-413-11	CARBON	470	5%	1/4W	R6820	1-535-143-51	LEAD, JUMPER	(20.0N	IM)	
R6676	1-249-417-11	CARBON	1K	5%	1/4W	R6821	1-535-143-51	LEAD, JUMPER	(20.0N	IM)	
R6677	1-249-417-11	CARBON	1K	5%	1/4W	R6831	1-260-124-11	CARBON	120K	5%	1/2W
R6678	1-249-417-11	CARBON	1K	5%	1/4W	R6832	1-216-434-11	METAL OXIDE	1.8K	5%	1W
R6679	1-215-479-00	METAL	270K	1%	1/4W	R6833	1-202-972-61	FUSIBLE	1	5%	1/4W
R6681	1-215-467-00	METAL	82K	1%	1/4W	R6834	1-535-303-00	LEAD, JUMPER	(5.0MA	I)	
R6682	1-215-447-00	METAL	12K	1%	1/4W	R6835	1-260-288-11	CARBON	0.47	5%	1/2W
R6683	1-215-429-00	METAL	2.2K	1%	1/4W	R6836	1-249-431-11	CARBON	15K	5%	1/4W
R6684	1-247-807-31	CARBON	100	5%	1/4W	R6837	1-215-919-11	METAL OXIDE	2.2K	5%	3W
R6685	1-249-417-11	CARBON	1K	5%	1/4W	R6838	1-214-905-11	METAL	47K	1%	1/2W
R6686	1-215-449-00	METAL	15K	1%	1/4W	R6839	1-215-919-11	METAL OXIDE	2.2K	5%	3W
R6687	1-249-431-11	CARBON	15K	5%	1/4W	R6840	1-247-843-11	CARBON	3.3K	5%	1/4W
R6688	1-249-417-11	CARBON	1K	5%	1/4W	R6842	1-260-123-11		100K	5%	1/2W
R6689	1-247-843-11		3.3K		1/4W	R6843	1-249-429-11		10K	5%	1/4W
R6690	1-249-429-11	CARBON	10K	5%	1/4W	R6844	1-249-441-11		100K	5%	1/4W
R6691	1-215-446-00	METAL	11K	1%	1/4W	R6845	1-247-863-91	CARBON	22K	5%	1/4W
R6692	1-215-445-00		10K		1/4W	R6851	1-260-123-11		100K		1/2W
R6700	1-215-441-00		6.8K		1/4W	R6852	1-260-123-11		100K		1/2W
R6701	1-215-437-00		4.7K		1/4W	R6853	1-260-123-11		100K		1/2W
R6702	1-215-441-00		6.8K		1/4W	R6854	1-249-417-11		1K	5%	1/4W
R6703	1-215-437-00	METAL	4.7K	1%	1/4W	R6880	1-215-436-00	METAL	4.3K	1%	1/4W
R6704	1-249-383-11	CARBON	1.5	5%	1/4W	R6885	1-215-493-00	METAL	1M	1%	1/4W
R6705	1-247-791-91		22	5%	1/4W	R6886	1-215-477-00		220K		1/4W
R6706	1-249-389-11	CARBON	4.7	5%	1/4W	R6887	1-215-461-00	METAL	47K	1%	1/4W
R6707	1-215-888-00	METAL OXIDE	220	5%	2W	R6888	1-249-441-11	CARBON	100K	5%	1/4W
R6708	1-214-798-21	METAL	1.8	1%	1/2W	R6891	1-535-303-00	LEAD, JUMPER	(5.0MA	I)	
R6709	1-214-798-21	METAL	1.8	1%	1/2W	R6892	1-535-303-00	LEAD, JUMPER	(5.0MA	I)	
R6710	1-247-843-11		3.3K	5%	1/4W	R6895	1-249-443-11		0.47		1/4W
R6711	1-249-418-11		1.2K		1/4W	R6896	1-249-443-11		0.47		1/4W
R6801	1-215-440-00	METAL	6.2K	1%	1/4W	R6898	1-215-493-00	METAL	1M	1%	1/4W
R6802	1-214-915-00	METAL	120K	1%	1/2W	R6899	1-215-493-00	METAL	1M	1%	1/4W
R6803	1-249-421-11	CARBON	2.2K	5%	1/4W						
R6804	1-249-408-11		180		1/4W						



The components identified by shading and marked \triangle are critical for safety Replace only with the part number specified.

REF. NO.	PART.NO	DESCRIPTION	ON	F	EMARK	REF. NO.	PART.NO	DESCRIPTIO	N	REI	MARK
	< RELAY >	•				R6897	1-215-489-00	METAL	680K	1% 1/4W	
	1-755-266-11							Board, Co			
KY66UZ A	1-755-167-11	RELAY, AC PC	WER			*A-16	40-384-A E	Board, Co	mplete	(KV-32FC	(75)
	< TRANSFO	ORMER >				E Boa	ard Common	Parts			
T6600		TRANSFORMER,					/ 03 D3 OT	10D >			
	1-433-516-11	,				I.	< CAPACI	TOR >			
T6651 T6801	1-431-732-21	TRANSFORMER,		, ,		C4316	1-104-664-11	ELECT	47UF	20.00%	25V
T6802	1-433-469-31	,				C4317		CERAMIC CHIP	0.1UF	10.00%	
10002	1-455-469-51	TRANSFORMER,	PERKITE	(uni)		C4318		CERAMIC CHIP		10.00%	
T6804 ∧	1-453-340-11	TRANSFORMER	ACCV FT	VDACK /NY_	4522 / /TT21 A\	C4319	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
T6852	1-433-487-11				4322//0214/	C4320	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
	< THERMIS	EMOD >				C4321	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
	\ Inexmis	DIOK >				C4322	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
TH6600	1-809-827-11	ТИГРИТ СТ∩Р	DOCT#T\/E	,		C4324	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
TH6700	1-800-193-00		10011111			C4325	1-163-093-00	CERAMIC CHIP	10PF	5.00%	50V
1110700	1 000 133 00	11111111111111				C4329	1-126-963-11	ELECT	4.7UF	20.00%	50V
D Boa	rd Variant Pa	rts KV-28F	Q75			C4330	1-137-581-11	FILM	0.1UF	5.00%	100V
						C4331	1-126-959-11		0.47UF	20.00%	50V
	< CAPACIT	TOR >				C4332		CERAMIC CHIP		10.00%	
						C4333	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
C6814	1-117-641-11		7500PF		1.2KV	C4334	1-126-967-11	ELECT	47UF	20.00%	50V
C6815	1-117-836-11		6800PF		1.5KV						
C6825	1-115-514-11		0.22UF		250V	C4336	1-126-967-11	ELECT	47UF	20.00%	50V
C6826	1-115-520-11	FILM	0.68UF	5.00%	250V	C4338	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
		 .				C4340	1-126-967-11	ELECT	47UF	20.00%	50V
	< RESISTO	JR >				C4342	1-163-021-91	CERAMIC CHIP	0.01UF	10.00%	50V
DC010	1 015 000 11	MEMAT OVIDE	2 22	E0. 257		C4343	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
R6810 R6856	1-215-920-11 1-216-486-00		3.3K 8.2K								
R6857	1-216-486-00		8.2K			C4344		CERAMIC CHIP			
R6858	1-216-486-00		8.2K			C4345	1-126-967-11		47UF	20.00%	
R6859	1-216-486-00		8.2K			C4346		CERAMIC CHIP		10.00%	
			· · - · ·	· · ·		C4347		CERAMIC CHIP		10.00%	
R6897	1-215-485-00	METAL	470K	1% 1/4W		C4348	1-164-004-11	CERAMIC CHIP	U.IUF	10.00%	25V
						C4349	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
D Boa	rd Variant Pa	rts KV-32F	Q75			C4350	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
-						C4351	1-163-009-11	CERAMIC CHIP	0.001UF	10.00%	50V
	< CAPACIT	TOR >				C4352	1-126-967-11	ELECT	47UF	20.00%	50V
						C4353	1-107-823-11	CERAMIC CHIP	0.47UF	10.00%	16V
C6814	1-117-640-11	FILM	6800PF	3.00%	1.2KV						
C6815	1-117-835-11	FILM	6200PF	3.00%	1.5KV	C4354	1-107-823-11	CERAMIC CHIP	0.47UF	10.00%	16V
C6825	1-117-662-11		0.18UF	5.00%	250V	C4355		CERAMIC CHIP		10.00%	
C6826	1-115-519-11	FILM	0.56UF	5.00%	250V	C4356		CERAMIC CHIP		10.00%	
	< RESISTO	OR >				C4357 C4358		CERAMIC CHIP		10.00% 10.00%	
	/ VESTSIC	<i>(</i>				3.555			7.202	20.000	
R6810	1-216-484-00	METAL OXIDE	3.9K	5% 3W		C4359	1-164-161-11	CERAMIC CHIP	0.0022U	F 10.00%	50V
R6856	1-215-922-11	METAL OXIDE	6.8K	5% 3W		C4360	1-126-963-11		4.7UF	20.00%	50V
R6857	1-215-922-11	METAL OXIDE	6.8K	5% 3W		C4362		CERAMIC CHIP		10.00%	
R6858	1-215-922-11	METAL OXIDE	6.8K	5% 3W		C4363	1-126-967-11		47UF	20.00%	50V
R6859	1-215-922-11	MEMAT OVIDE	6 OV	5% 3 ₩		C4364	1-126-967-11	RLRCT	47UF	20.00%	50V

C4364

1-215-922-11 METAL OXIDE 6.8K 5% 3W

R6859

1-126-967-11 ELECT

47UF

20.00% 50V



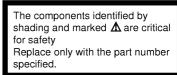
REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTIO	N		REMARK
C4366	1-163-059-91	CERAMIC CHIP 0.01UF	10.00% 50V	Q4313	8-729-026-49	TRANSISTOR 2	SA1037A	K-T146	-R
24367	1-104-760-11	CERAMIC CHIP 0.047UF	10.00% 50V	Q4315	1-801-806-11	TRANSISTOR D	TC144EK	A-T146	
4369	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	Q4316	8-729-120-28	TRANSISTOR 2	SC2412K	-T-146	-R
4370	1-126-967-11	ELECT 47UF	20.00% 50V	Q4317	8-729-900-53	TRANSISTOR D	TC114EK	A-T146	
4371	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V						
					< RESISTO	R >			
4377	1-126-960-11	ELECT 1UF	20.00% 50V						
4379		CERAMIC CHIP 47PF	5.00% 50V	R4301	1-216-025-91	RES-CHIP	100	5%	1/10W
4519	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	R4302	1-216-025-91		100	5%	1/10W
				R4303	1-216-025-91		100	5%	1/10W
	< CONNECT	OR >		R4304	1-216-025-91		100	5%	1/10W
				R4305	1-216-025-91		100	5%	1/10W
N4101	1-695-301-11	CONNECTOR, BOARD TO BOX	ARD 40P						•
N4500		PLUG, CONNECTOR 8P		R4306	1-216-025-91	RES-CHIP	100	5%	1/10W
N4502		PIN, CONNECTOR 3P		R4307	1-216-045-00		680	5%	1/10W
	_ 000 0.0 0_			R4308	1-216-045-00		680	5%	1/10W
	< DIODE >			R4309	1-216-045-00		680	5%	1/10W
	1 01000 /			R4313	1-216-065-91		4.7K		1/10W
4304	8-719-923-60	DIODE MTZJ-T-77-9.1		1,4313	1 210 000 91	-mo onte	-2./IX	J 0	-/ -/ 1
4305		DIODE MTZJ-T-77-9.1		R4314	1-216-057-00	RES-CHID	2.2K	5%	1/10W
4311		DIODE DAN202K-T-146		R4331	1-216-073-00		10K	5%	1/10W
4312		DIODE DAN202K-T-146		R4331	1-216-073-00		10K	5% 5%	1/10W
4313		DIODE MA3062M-TX		R4333	1-216-073-00		10K	5% 5%	1/10W
4313	6-719-401-63	DIODE MASUOZM-IX		R4334	1-216-075-00		100	ე _ზ 5%	1/10W 1/10W
	< FERRITE	BEAD >		14354	1-210-025-91	KES-CHIF	100	J.0	1/10#
				R4335	1-216-025-91	RES-CHIP	100	5%	1/10W
B4387	1-414-234-22	INDUCTOR CHIP OUH		R4336	1-216-025-91	RES-CHIP	100	5%	1/10W
B4388	1-414-234-22	INDUCTOR CHIP OUH		R4337	1-216-025-91	RES-CHIP	100	5%	1/10W
B4389	1-414-234-22	INDUCTOR CHIP OUH		R4339	1-216-049-91	RES-CHIP	1K	5%	1/10W
				R4340	1-216-111-00	RES-CHIP	390K	5%	1/10W
	< IC >								
				R4341	1-216-295-91	SHORT	0		
C4301	8-752-090-88	IC CXA2100AQ-TL		R4343	1-216-025-91	RES-CHIP	100	5%	1/10W
				R4344	1-216-025-91	RES-CHIP	100	5%	1/10W
	< COIT >			R4345	1-216-677-11	METAL CHIP	12K	0.5%	1/10W
				R4346	1-216-683-11	METAL CHIP	22K	0.5%	1/10W
4301	1-414-183-41								
4302	1-414-183-41	INDUCTOR 10UH		R4347	1-216-025-91	RES-CHIP	100	5%	1/10W
4303	1-414-183-41			R4348	1-216-025-91		100	5%	1/10W
4304	1-414-183-41			R4350	1-216-025-91		100	5%	1/10W
4305	1-414-183-41	INDUCTOR 10UH		R4354	1-216-675-91		10K	0.5%	1/10W
				R4355	1-216-009-91	RES-CHIP	22	5%	1/10W
4306	1-414-183-41								
4308	1-414-186-31			R4356	1-216-009-91		22	5%	1/10W
4309	1-414-186-31	INDUCTOR 33UH		R4357	1-216-009-91	RES-CHIP	22	5%	1/10W
				R4358	1-216-071-00	RES-CHIP	8.2K	5%	1/10W
	< TRANSIS	TOR >		R4359	1-216-041-00	RES-CHIP	470	5%	1/10W
				R4360	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
4304		TRANSISTOR 2SA1037AK-T							
4307		TRANSISTOR 2SA1037AK-T		R4361	1-216-133-00		3.3M		1/10W
4308		TRANSISTOR 2SA1037AK-T		R4363	1-216-025-91	RES-CHIP	100	5%	1/10W
4309	8-729-026-49	TRANSISTOR 2SA1037AK-T	146-R	R4365	1-216-025-91	RES-CHIP	100	5%	1/10W
4310	8-729-026-49	TRANSISTOR 2SA1037AK-T	146-R	R4366	1-216-025-91	RES-CHIP	100	5%	1/10W
4044	0 800 000 ::		116.5	R4367	1-216-025-91	RES-CHIP	100	5%	1/10W
4311	8-729-026-49	TRANSISTOR 2SA1037AK-T	146-R						
4312	A HAA A	TRANSISTOR 2SA1037AK-T		R4370	1-216-089-91		47K	5%	1/10W



REF. NO.	PART.NO	DESCRIPTIO	N		REMARK	REF. NO.	PART.NO	DESCRIPTIO	N	RE	MARK
R4371	1-216-069-00	RES-CHIP	6.8K	5%	1/10W						
R4372	1-216-049-91	RES-CHIP	1K	5%	1/10W	*4-164	Ю-382-A D	1 Board, C	omplete (KV-28E	Q75)
R4373	1-216-073-00	RES-CHIP	10K	5%	1/10W			1 Board, C			
R4374	1-216-049-91	RES-CHIP	1K	5%	1/10W	Aller	10 000 A	7. Doui.a, o.	ompioto (02.	u. 0,
R4375	1-216-049-91	RES-CHIP	1K	5%	1/10W			_			
						D1 Bo	ard Common	Parts			
R4376	1-216-049-91	RES-CHIP	1K	5%	1/10W						
R4377	1-216-049-91	RES-CHIP	1K	5%	1/10W		4-382-854-11	SCREW (M3X10), P, SW (+	·)	
R4378	1-216-101-00	RES-CHIP	150K	5%	1/10W						
R4379	1-216-091-00	RES-CHIP	56K	5%	1/10W		< CAPACIT	OR >			
R4380	1-216-073-00	RES-CHIP	10K	5%	1/10W						
						C6100	1-136-165-00	MYLAR	0.1UF	5.00%	50V
R4382	1-216-073-00	RES-CHIP	10K	5%	1/10W	C6101	1-136-165-00	MYLAR	0.1UF	5.00%	50V
R4383	1-216-079-00	RES-CHIP	18K	5%	1/10W	C6102	1-136-165-00	MYLAR	0.1UF	5.00%	50V
R4384	1-216-025-91	RES-CHIP	100	5%	1/10W	C6103	1-163-205-00	CERAMIC CHIP		5.00%	50V
R4387	1-216-031-00	RES-CHIP	180	5%	1/10W	C6104	1-163-205-00	CERAMIC CHIP	0.001UF	5.00%	50V
R4388	1-216-031-00	RES-CHIP	180	5%	1/10W	20105	1 100 000 11		4.50	00.000	
						C6105	1-126-967-11	ELECT	47UF	20.00%	
R4389	1-216-031-00	RES-CHIP	180	5%	1/10W	C6106	1-163-133-00	CERAMIC CHIP		5.00%	
R4394	1-216-025-91	RES-CHIP	100	5%	1/10W	C6108	1-163-021-91	CERAMIC CHIP		10.00%	
R4395	1-216-295-91	SHORT	0			C6109	1-126-967-11		47UF	20.00%	
R4396	1-216-295-91		0			C6110	1-126-967-11	ELECT	47UF	20.00%	500
R4398	1-216-025-91	RES-CHIP	100	5%	1/10W	00110	1 160 007 11	07711170 01177	0 000	10.000	F.A.*
						C6112	1-163-037-11			10.00%	
R4399	1-216-025-91		100	5%	1/10W	C6113	1-163-021-91	CERAMIC CHIP		10.00%	
R4401	1-216-105-91	RES-CHIP	220K	5%	1/10W	C6114	1-126-964-11		10UF	20.00%	
R4404	1-216-073-00		10K	5%	1/10W	C6115	1-163-005-11			10.00%	
R4518	1-216-025-91		100	5%	1/10W	C6116	1-163-275-11	CERAMIC CHIP	0.00101	5.00%	3UV
R4519	1-216-073-00	RES-CHIP	10K	5%	1/10W	C6117	1 160 075 11	CERAMIC CHIP	0 001111	5.00%	EAT
						C6117	1-163-275-11 1-163-021-91	CERAMIC CHIP		10.00%	
R4520	1-216-295-91		0			C6119	1-163-021-91	CERAMIC CHIP		10.00%	
R4521	1-216-295-91		0			C6120	1-105-009-11		10UF	20.00%	
R4522	1-216-073-00	RES-CHIP	10K	5%	1/10W	C6121	1-126-964-11		47UF	20.00%	
						C0122	1-120-907-11	ELECI	4701	20.000	307
	< CRYSTAI	ı >				C6125	1-163-017-00	CERAMIC CHIP	0 0047116	10.00%	50V
	4 868 468 44					C6126	1-163-809-11			10.00%	
X4300	1-/6/-12/-11	VIBRATOR, CE	RAMIC			C6127	1-163-021-91			10.00%	
						C6128	1-163-017-00			10.00%	
E Boar	rd Variant Pa	rts KV-32F	Q75			C6129	1-164-004-11			10.00%	
							1 10. 001 11			_0.000	
	< CAPACIT	OR >				C6131	1-126-964-11	ELECT	10UF	20.00%	50V
						C6132	1-163-259-91			5.00%	
C4380	1-163-017-00	CERAMIC CHIP	0.00470	JF	10.00% 50V	C6199	1-163-229-11			5.00%	
						C6207	1-126-967-11		47UF	20.00%	
	< TRANSIS	STOR >				C6208	1-126-967-11		47UF	20.00%	
Q4318	8-729-026-49	TRANSISTOR 2	SA1037AF	K-T14	6-R	C6209	1-163-133-00	CERAMIC CHIP	470PF	5.00%	50V
						C6210	1-163-009-11	CERAMIC CHIP	0.001UF	10.00%	
	< RESISTO	OR >				C6250	1-104-664-11		47UF	20.00%	
						C6251	1-216-295-91		0		
R4403	1-216-073-00		10K		1/10W	C6253	1-115-339-11			10.00%	50V
R4405	1-216-689-11		39K		1/10W						
R4406	1-216-105-91		220K		1/10W	C6254	1-136-177-00	MYLAR	1UF	5.00%	50V
R4407	1-216-091-00	RES-CHIP	56K	5%	1/10W	C6255	1-136-177-00	MYLAR	1UF	5.00%	50V
						C6256	1-163-117-00	CERAMIC CHIP	100PF	5.00%	50V
						C6257	1-115-339-11	CERAMIC CHIP	0.1UF	10.00%	50V



REF. NO.	PART.NO	DESCRIPTIO	N	RE	MARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
C6258	1-163-127-00	CERAMIC CHIP	270PF	5.00%	50V		< CONNECT	OR >	
C6259	1-110-501-11	CERAMIC CHIP	0.33UF	10.00%	16V				
C6260	1-104-664-11	ELECT	47UF	20.00%	16V	CN6502	*1-568-881-51	PIN, CONNECTOR 6P	
C6261	1-115-339-11	CERAMIC CHIP	0.1UF	10.00%	50V	CN6600		PIN, CONNECTOR (5MM	PITCH) 2P
C6262	1-136-165-00	MYLAR	0.1UF	5.00%		CN6601		CONNECTOR, BOARD TO	
						CN6622		PLUG, CONNECTOR 3P	
C6263	1-163-109-00	CERAMIC CHIP	47PF	5.00%	50V	CN6633		PLUG, CONNECTOR 3P	
C6264	1-126-964-11		10UF	20.00%				,	
C6306	1-126-964-11		10UF	20.00%			< DIODE >	•	
C6307		CERAMIC CHIP		10.00%					
C6350		CERAMIC CHIP		10.00%		D6102	8-719-914-43	DIODE DAN202K-T-146	
						D6104		DIODE DAN202K-T-146	
C6351	1-126-967-11	ELECT	47UF	20.00%	50V	D6105	8-719-914-43	DIODE DAN202K-T-146	
C6353		CERAMIC CHIP		10.00%		D6107		DIODE DAN202K-T-146	
C6354	1-136-159-00		0.033UF	5.00%		D6108		DIODE MTZJ-T-77-4.7	3
C6355		CERAMIC CHIP		5.00%					
C6356		CERAMIC CHIP		10.00%		D6127	8-719-914-43	DIODE DAN202K-T-146	
					• •	D6128		DIODE DAN202K-T-146	
C6357	1-136-165-00	MYLAR	0.1UF	5.00%	50V	D6129		DIODE DAN202K-T-146	
C6358		CERAMIC CHIP		10.00%		D6198		LEAD, JUMPER (5.0MM)	
C6359		CERAMIC CHIP		10.00%		D6253		DIODE 1SS119-25TD	
C6360	1-107-714-11		10UF	20.00%			V 120 022 20		
C6361		CERAMIC CHIP		10.00%		D6254	1-535-303-00	LEAD, JUMPER (5.0MM)	
***************************************		32.12.10	VV-			D6255		DIODE DAN202K-T-146	
C6362	1-164-182-11	CERAMIC CHIP	0.0033UF	10.00%	50V	D6350		DIODE DAN202K-T-146	
C6363	1-104-665-11		100UF	20.00%		D6351		DIODE DAN202K-T-146	
C6364	1-136-347-11		0.0047UF	5.00%		D6352		DIODE DAN202K-T-146	
C6365		CERAMIC CHIP		10.00%		20002	0 /10 011 10	51052 512(101)(1111)	
C6367		CERAMIC CHIP		10.00%		D6353	8-719-987-87	DIODE ERA82-004TP1	
00007	1 101 020 11	02112110 01111	0.202	20.000	301	D6354		DIODE DAN202K-T-146	
C6368	1-163-021-91	CERAMIC CHIP	0 01UF	10.00%	50V	D6355		DIODE DAN202K-T-146	
C6370	1-136-347-11		0.0047UF	5.00%		D6358		DIODE DAN202K-T-146	
C6373	1-136-153-00		0.01UF	5.00%		D6359		DIODE RGP10GPKG23	
C6374	1-129-716-00		0.015UF	5.00%		20003	0 /10 001 10	22022 1.022001.020	
C6375	1-102-110-00		220PF	10.00%		D6401	8-719-914-43	DIODE DAN202K-T-146	
00070		02.12.20		20.000		D6402		DIODE MTZJ-T-77-3.6	1
C6376	1-104-664-11	ELECT	47UF	20.00%	16V	D6403		DIODE MTZJ-T-77-7.51	
C6377	1-128-551-11		22UF	20.00%		D6404		DIODE DAN202K-T-146	•
C6378		CERAMIC CHIP		10.00%		D6405		DIODE MTZJ-T-77-7.51	1
C6380	1-136-165-00		0.1UF	5.00%		20303	5 ,15 521 05	TION MINO I II I.J.	•
C6381	1-126-960-11		1UF	20.00%			< IC >		
00301	1 120 300 11	HILL	101	20.000	301		(10)		
C6385	1-104-664-11	ELECT	47UF	20.00%	25V	IC6100	8-759-450-95	IC LM393N	
C6386	1-104-664-11		47UF	20.00%		IC6100	8-759-450-95		
C6388	1-126-964-11		10UF	20.00%		IC6101		IC NJM3404AD	
C6389	1-126-964-11		10UF	20.00%		IC6102	8-759-450-95		
C6392	1-120-964-11		47UF	20.00%		IC6250	8-759-478-66		
50332	I 104-004-11	THECT	4105	20.000	2.51	100230	0 139-410-00	10 CAROVIUE	
C6401	1-126-964-11	ELECT	10UF	20.00%	50V	IC6251	8-759-903-16	IC LM318P	
C6402	1-107-714-11	ELECT	10UF	20.00%	50V	IC6302	8-752-072-94	IC CXA1875AM-T4	
C6407	1-136-161-00	MYLAR	0.047UF	5.00%	50V	IC6350	8-759-008-70	IC LM358N	
C6408	1-136-161-00	MYLAR	0.047UF	5.00%	50V	IC6351	8-759-450-95	IC LM393N	
C6409	1-126-964-11	ELECT	10UF	20.00%	50V	IC6352	8-759-450-95	IC LM393N	
00400	1 100 400 00		۸ 1	E 000	FAT	T06050	0 750 004 50	TO T7005000	
C6420	1-136-497-81		0.1UF	5.00%		IC6353	8-759-231-53		
C6421	1-136-497-81	L.T.TW	0.1UF	5.00%	OUV	IC6354	8-759-325-48	IC CAUUUSAD	





REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTIO	N		REMARK
C6355	8-759-008-70	IC LM358N		Q6358	8-729-038-83	TRANSISTOR 25	SK2251-	·01-F19	
26356	8-759-822-38	IC LA6510		Q6401	1-801-806-11	TRANSISTOR D	rc144ek	A-T146	
				Q6402	1-801-806-11	TRANSISTOR D	rc144ek	A-T146	
	< FILTER	>		Q6403	8-729-120-28	TRANSISTOR 25	SC2412F	C-T-146	-R
				Q6404	8-729-026-49	TRANSISTOR 2	SA1037A	K-T146	-R
6350	1-406-989-21	INDUCTOR 10MH							
6351	1-406-989-21	INDUCTOR 10MH		Q6405	8-729-026-49	TRANSISTOR 2	SA1037A	K-T146	-R
				Q6455	8-729-120-28	TRANSISTOR 25	SC2412K	C-T-146	-R
	< IC LINK	>		Q6465	8-729-120-28	TRANSISTOR 2	SC2412F	C-T-146	-R
6376 △	1-532-637-00	LINK, IC 1A (ICP-N25)		ii.	< RESISTO	DR >			
	< TRANSIS	TOR >		R6100	1-216-033-00	RES-CHIP	220	5%	1/10W
				R6101	1-216-033-00		220	5%	1/10W
100	8-729-120-28	TRANSISTOR 2SC2412K-T-	146-R	R6102	1-216-057-00				1/10W
101	8-729-120-28	TRANSISTOR 2SC2412K-T-	146-R	R6103	1-216-057-00	RES-CHIP	2.2K		1/10W
102	8-729-120-28	TRANSISTOR 2SC2412K-T-	146-R	R6104	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
103	8-729-120-28	TRANSISTOR 2SC2412K-T-	146-R						
104	8-729-120-28	TRANSISTOR 2SC2412K-T-	146-R	R6105	1-216-049-91	RES-CHIP	1K	5%	1/10W
				R6106	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
L05	8-729-120-28	TRANSISTOR 2SC2412K-T-	146-R	R6109	1-216-683-11	METAL CHIP	22K	0.5%	1/10W
106	8-729-120-28	TRANSISTOR 2SC2412K-T-	146-R	R6110	1-216-683-11	METAL CHIP	22K		1/10W
107	8-729-120-28	TRANSISTOR 2SC2412K-T-	146-R	R6111	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
108	8-729-026-49	TRANSISTOR 2SA1037AK-T							
110	8-729-026-49	TRANSISTOR 2SA1037AK-T	146-R	R6112	1-216-057-00				1/10W
				R6113	1-216-073-00		10K	5%	1/10W
112	8-729-120-28	TRANSISTOR 2SC2412K-T-		R6114	1-216-073-00		10K	5%	1/10W
113	8-729-120-28	TRANSISTOR 2SC2412K-T-		R6115	1-216-089-91		47K	5%	1/10W
118	8-729-120-28	TRANSISTOR 2SC2412K-T-		R6116	1-216-089-91	RES-CHIP	47K	5%	1/10W
119	8-729-026-49				1 010 0-0 1-	DEG ****	4 4	F.0	4 /4 /*-
120	8-729-026-49	TRANSISTOR 2SA1037AK-T	146-R	R6117	1-216-073-00		10K	5% 5°	1/10W
100	0 700 000 40	MD3NGTOWOD 002100532 =:	146 D	R6118	1-216-073-00		10K	5% = 0.	1/10W
122	8-729-026-49	TRANSISTOR 2SA1037AK-T		R6119	1-216-073-00		10K	5% ⊑∘	1/10W
123	8-729-026-49	TRANSISTOR 2SA1037AK-T		R6120	1-216-057-00			5% ⊑∘	1/10W
125	8-729-120-28			R6121	1-216-057-00	KE9-CHIL	2.2K	3 8	1/10W
126 127	8-729-026-49	TRANSISTOR 2SA1037AK-T. TRANSISTOR 2SA1037AK-T.		R6122	1-216-057-00	סשכ_מעדה	ישר כ	5 9	1/10W
121	0-123-020-49	INAMOISION ZSAIUS/AN-T.	LTU-N	R6122	1-216-037-00		2.2K 47K	วช 5%	1/10W 1/10W
128	8-729-120-28	TRANSISTOR 2SC2412K-T-	46-R	R6124	1-216-089-91		47K	ეა 5%	1/10W 1/10W
129		TRANSISTOR 2SA1037AK-T		R6125	1-216-057-00		2.2K		1/10W
201		TRANSISTOR 2SC2412K-T-		R6126	1-216-037-00		330	5%	1/10W
202		TRANSISTOR 2SC2412K-T-				v	200		-,
250		TRANSISTOR 2SC2412K-T-		R6128	1-216-691-11	METAL CHIP	47K	0.5%	1/10W
				R6129	1-216-691-11		47K		1/10W
251	8-729-120-28	TRANSISTOR 2SC2412K-T-	146-R	R6131	1-216-037-00		330	5%	1/10W
252		TRANSISTOR 2SA1037AK-T		R6132	1-216-037-00		330	5%	1/10W
253		TRANSISTOR 2SC5511		R6133	1-216-037-00		330	5%	1/10W
254	8-729-045-04	TRANSISTOR 2SC5511							
350		TRANSISTOR 2SC2412K-T-	146-R	R6135	1-163-021-91	CERAMIC CHIP	0.010	F	10.00% 50V
				R6136	1-216-691-11				1/10W
351	8-729-119-78	TRANSISTOR 2SC1740S-RT		R6137	1-216-691-11		47K		1/10W
352		TRANSISTOR 2SB734-T-3		R6138	1-216-691-11		47K		1/10W
353		TRANSISTOR 2SB734-T-3		R6139	1-216-691-11		47K		1/10W
354	8-729-120-28	TRANSISTOR 2SC2412K-T-	146-R						
356	8-729-120-28	TRANSISTOR 2SC2412K-T-	146-R	R6140	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
				R6143	1-216-057-00	DEC 0017D	2.2K		1/10W

REF. NO.	PART.NO	DESCRIPTIO	N		REMARK	REF. NO.	PART.NO	DESCRIPTION	J		REMARK
R6146	1-216-065-91		4.7K	5%	1/10W	R6270	1-216-667-11				1/10W
R6148	1-216-295-91	SHORT	0			R6271	1-216-683-11	METAL CHIP	22K		1/10W
R6149	1-216-025-91		100	5%	1/10W	R6278	1-216-057-00	RES-CHIP	2.2K		1/10W
R6154	1-216-049-91	RES-CHIP	1K	5%	1/10W	R6279	1-216-057-00	RES-CHIP	2.2K		1/10W
R6155	1-216-065-91	RES-CHIP	4.7K	5%	1/10W	R6280	1-212-849-00	FUSIBLE	4.7	5%	1/4W
R6160	1-216-295-91	SHORT	0			R6281	1-212-849-00	FUSIBLE	4.7	5%	1/4W
R6162	1-216-049-91	RES-CHIP	1K	5%	1/10W	R6282	1-215-886-11	METAL OXIDE	100	5%	2W
R6165	1-216-699-91	METAL CHIP	100K	0.5%	1/10W	R6283	1-216-393-00	METAL OXIDE	2.2	5%	3W
R6168	1-216-065-91		4.7K	5%	1/10W	R6285	1-216-057-00	RES-CHIP	2.2K		1/10W
R6169	1-216-699-91				1/10W	R6313	1-216-295-91		0	•	-,
					4 /4 0						4.44.00
R6170	1-216-037-00	RES-CHIP	330	5%	1/10W	R6322	1-216-049-91		1K	5%	1/10W
R6171	1-216-057-00	RES-CHIP	2.2K		1/10W	R6323	1-216-049-91		1K	5%	1/10W
R6177	1-216-065-91	RES-CHIP	4.7K	5%	1/10W	R6324	1-216-025-91		100	5%	1/10W
R6180	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6325	1-216-025-91	RES-CHIP	100	5%	1/10W
R6182	1-216-089-91	RES-CHIP	47K	5%	1/10W	R6350	1-216-089-91	RES-CHIP	47K	5%	1/10W
R6183	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6351	1-218-762-11	METAL CHIP	270K	0 5%	1/10W
R6188	1-216-065-91	RES-CHIP	4.7K		1/10W	R6353	1-216-671-11				1/10W
R6190	1-216-057-00	RES-CHIP	2.2K	ე _ზ	1/10W	R6355	1-218-774-11				1/10W
					•						
R6191	1-215-925-11	METAL OXIDE	22K	5%	3W	R6356	1-216-675-91		10K		1/10W
R6192	1-216-683-11	METAL CHIP	22K	0.5%	1/10W	R6357	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6194	1-216-065-91	RES-CHIP	4.7K	5%	1/10W	R6358	1-216-047-91	RES-CHIP	820	5%	1/10W
R6195	1-216-683-11	METAL CHIP	22K	0.5%	1/10W	R6359	1-216-097-91	RES-CHIP	100K	5%	1/10W
R6196	1-249-377-11	CARBON	0.47	5%	1/4W	R6360	1-216-073-00	RES-CHIP	10K	5%	1/10W
R6198	1-216-081-00	RES-CHIP	22K	5%	1/10W	R6361	1-216-097-91	RES-CHIP	100K	5%	1/10W
R6199	1-216-081-00	RES-CHIP	22K	5%	1/10W	R6362	1-216-687-11	METAL CHIP	33K	0.5%	1/10W
R6205	1-216-025-91	RES-CHIP	100	5%	1/10W	R6363	1-216-675-91	METAL CHIP	10K	0.5%	1/10W
R6208	1-216-089-91		47K	5%	1/10W	R6364	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6210	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6365	1-216-033-00	RES-CHIP	220	5%	1/10W
R6211	1-216-073-00	RES-CHIP	10K	5%	1/10W	R6366	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6212	1-216-057-00		2.2K		1/10W	R6367	1-216-679-11		15K		1/10W
K0212	1-210-037-00	RES-CHIP	2.2K	J*	1/10#	K0307	1-210-079-11	METAL CHIP	IJħ	0.50	1/10#
R6215	1-216-089-91		47K	5%	1/10W	R6368	1-218-760-11				1/10W
R6216	1-216-089-91		47K	5%	1/10W	R6369	1-218-762-11				1/10W
R6217	1-216-073-00	RES-CHIP	10K	5%	1/10W	R6371	1-216-474-11	METAL OXIDE	82	5%	3W
R6218	1-216-295-91	SHORT	0			R6372	1-216-033-00	RES-CHIP	220	5%	1/10W
R6254	1-216-049-91	RES-CHIP	1K	5%	1/10W	R6373	1-216-681-11	METAL CHIP	18K	0.5%	1/10W
R6255	1-216-061-00	RES-CHIP	3.3K	5%	1/10W	R6374	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R6256	1-216-057-00		2.2K		1/10W	R6375	1-216-041-00		470	5%	1/10W
R6257	1-216-061-00		3.3K		1/10W	R6377	1-216-689-11		39K		1/10W
R6258	1-216-057-00		2.2K		1/10W	R6378	1-216-675-91		10K		1/10W
R6259	1-216-097-91		100K		1/10W	R6379	1-216-295-91		0	0.50	1/1011
K0239	1-210-097-91	RES-CHIP	IUUK	Jo	1/10#	K03/9	1-210-293-91	SHORT	U		
R6260	1-216-049-91		1K	5%	1/10W	R6380	1-218-754-11				1/10W
R6261	1-216-097-91	RES-CHIP	100K	5%	1/10W	R6381	1-216-045-00	RES-CHIP	680	5%	1/10W
R6262	1-260-321-71	CARBON	270	5%	1/2W	R6382	1-218-754-11	METAL CHIP	120K	0.5%	1/10W
R6263	1-216-025-91	RES-CHIP	100	5%	1/10W	R6383	1-216-687-11	METAL CHIP	33K	0.5%	1/10W
R6264	1-216-025-91	RES-CHIP	100	5%	1/10W	R6384	1-216-043-91	RES-CHIP	560	5%	1/10W
D.C.C.E.	1 014 010 01	DB0 000-	4	F ^	1 /1 0**	DCCCC	1 010 00= 0-	0110D=	^		
R6267	1-216-049-91		1K	5%	1/10W	R6385	1-216-295-91		0		4 /4 0==
R6269	1-216-667-11	METAL CHIP	4.7K	0.5%	1/10W	R6386	1-216-699-91	METAL CHIP	T00K	U.5%	1/10W



REF. NO.	PART.NO	DESCRIPTION	N		REMARK	REF. NO.	PART.NO	DESCRIPTION	N		REMARK
R6387	1-216-677-11	METAL CHIP	12K	0.5%	1/10W	R6463	1-216-095-00	RES-CHIP	82K	5%	1/10W
R6391	1-249-417-11	CARBON	1K	5%	1/4W	R6464	1-216-079-00	RES-CHIP	18K	5%	1/10W
R6394	1-216-069-00	RES-CHIP	6.8K	5%	1/10W						
R6395	1-216-081-00	RES-CHIP	22K	5%	1/10W	D1 Bc	ard Variant F	arts KV-28	FQ75		
R6397	1-216-675-91	METAL CHIP	10K	0.5%	1/10W	D1 50	ard variant r	arts 114-201	Q/J		
R6398	1-216-065-91	RES-CHIP	4.7K	5%	1/10W		< CAPACIT	OR >			
R6399	1-218-756-11				1/10W					_	
R6400	1-216-675-91				1/10W	C6130		CERAMIC CHIP			5.00% 16V
R6401	1-216-295-91		0		-,	C6134	1-102-508-91	CERAMIC	10PF	().50% 50V
R6402	1-216-295-91		0				< RESISTO)R >			
R6403	1-216-661-11	МЕТАТ. СИТР	2 7K	0 5%	1/10W						
R6404	1-216-683-11		22K		1/10W	R6107	1-216-657-11				1/10W
R6405	1-216-683-11		22K		1/10W	R6108	1-216-657-11				1/10W
R6409	1-216-025-91		100	5%	1/10W	R6127	1-216-659-11		2.2K		1/10W
R6410	1-216-073-00		10K	5%	1/10W	R6130	1-218-768-11				1/10W
	0/3 00				-/ - ***	R6141	1-216-683-11	METAL CHIP	22K	0.5%	1/10W
R6411	1-216-073-00	RES-CHIP	10K	5%	1/10W	R6142	1-216-670-11	METAL CHIP	6.2K	0.5%	1/10W
R6412	1-216-073-00		10K	5%	1/10W	R6144	1-216-105-41		220K		1/10W
R6413	1-216-679-11		15K		1/10W	R6145	1-216-053-00		1.5K		1/10W
R6414	1-216-683-11	METAL CHIP	22K	0.5%	1/10W	R6158	1-216-659-11				1/10W
R6415	1-216-683-11	METAL CHIP	22K	0.5%	1/10W	R6159	1-216-659-11				1/10W
R6416	1-216-683-11	METAL CHIP	22K	0.5%	1/10W	R6161	1-216-671-11	METAL CUTD	6 OV	U E8	1/10W
R6418	1-216-091-00	RES-CHIP	56K	5%	1/10W	R6174	1-216-671-11			0.5% 5%	1/10W 1/10W
R6419	1-216-073-00	RES-CHIP	10K	5%	1/10W	R6174	1-216-075-00		4.7K		1/10W 1/10W
R6420	1-216-089-91	RES-CHIP	47K	5%	1/10W	R6176	1-216-295-91		0	J*0	1/10#
R6421	1-216-637-11	METAL CHIP	270	0.5%	1/10W	R6179	1-216-065-91		4.7K	5%	1/10W
R6422	1-216-639-11	METAL CHIP	330	0.5%	1/10W	DC106	1 016 045 00	DEC CUID	600	E 0.	1 /1 014
R6423	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W	R6186	1-216-045-00 1-216-059-00		680	5% = 0.	1/10W
R6426	1-216-081-00	RES-CHIP	22K	5%	1/10W	R6189 R6193		CERAMIC CHIP	2.7K 100PF		1/10W 50V
R6427	1-216-081-00	RES-CHIP	22K	5%	1/10W	R6200	1-216-695-11		68K		1/10W
R6429	1-216-065-91	RES-CHIP	4.7K	5%	1/10W	R6206	1-216-093-11		270K		1/10W
R6430	1-216-065-91	RES-CHIP	4.7K	5%	1/10W				450		4 /4 000
6432	1-216-057-00		2.2K		1/10W	R6207	1-216-113-00		470K		1/10W
R6433	1-216-073-00		10K		1/10W	R6265	1-216-101-00			5% = 0.	1/10W
R6437	1-249-422-11		2.7K	5%	1/4W	R6268	1-216-081-00		22K	5% 0 E%	1/10W
R6438	1-249-421-11	CARBON	2.2K		1/4W	R6276 R6277	1-216-677-11 1-216-677-11		12K 12K		1/10W 1/10W
6439	1-216-683-11	METAL CHIP	22K	0.5%	1/10W						
R6440	1-216-683-11		22K		1/10W	R6284	1-216-113-00		470K		1/10W
R6441	1-216-675-91		10K		1/10W	R6286	1-216-073-00		10K	5% 	1/10W
6442	1-216-039-00		390	5%	1/10W	R6287	1-216-073-00		10K	5%	1/10W
6455	1-216-295-91		0	- •	, =	R6370 R6428	1-216-675-91 1-216-103-00		10K 180K		1/10W 1/10W
6456	1-216-097-91	DEC_CUTD	100K	50	1/10W						4 = = = =
16456 16457	1-216-097-91		100K	5% 5%	1/10W	R6431	1-216-115-00	RES-CHIP	560K	5%	1/10W
16457 16458	1-216-075-00		12K 47K	5% 5%	1/10W 1/10W						
(6458 (6459	1-216-089-91		47K 2.2K		1/10W 1/10W	D1 Bo	ard Variant F	arts KV-32	FQ7 <u>5</u>		
R6460	1-249-393-11		2.2K 10	58 58	1/10W 1/4W						
10400	1-742-323-11	CARDUN	10	Jō	T/ #M		< RESISTO	OR >			
86461	1-249-411-11		330	5%	1/4W		1 044 454 45	.mm	0 0	۸ ۳۰	1 /1 0**
R6462	1-249-406-11	CARBON	120	5%	1/4W	R6107	1-216-659-11				1/10W
						R6108	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W

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REF. NO.	PART.NO	DESCRIPTION	I		REI	MARK	REF. NO.	PART.NO	DESCRIPTIO	N	RE	MARK
R6127	1-216-663-11	METAL CHIP	3.3K	5%	1/10W		C8155	1-107-682-11	CERAMIC CHIP	1UF	10.00%	16V
R6130	1-218-769-11	METAL CHIP	510K	0.5%	1/10W		C8156	1-164-505-11	CERAMIC CHIP	2.2UF		16V
R6141	1-216-679-11	METAL CHIP	15K	0.5%	1/10W		C8157	1-163-021-91	CERAMIC CHIP	0.01UF	10.00%	50V
R6142	1-216-667-11	METAL CHIP	4.7K	0.5%	1/10W		C8159	1-104-664-11	ELECT	47UF	20.00%	16V
R6144	1-216-099-00	RES-CHIP	120K	5%	1/10W		C8200	1-104-664-11	ELECT	47UF	20.00%	16V
R6145	1-216-055-00	RES-CHIP	1.8K	5%	1/10W		C8201	1-163-241-11	CERAMIC CHIP	39PF	5.00%	50V
R6158	1-216-667-11	METAL CHIP	4.7K	0.5%	1/10W		C8202	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
R6159	1-216-295-91	SHORT	0				C8203	1-164-004-11	CERAMIC CHIP	0.1UF	10.00%	25V
R6161	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W		C8204	1-164-506-11	CERAMIC CHIP	4.7UF		16V
R6174	1-216-081-00	RES-CHIP	22K	5%	1/10W		C8205		CERAMIC CHIP			50V
R6175	1-216-069-00	RES-CHIP	6.8K	5%	1/10W		C8208	1-164-506-11	CERAMIC CHIP	4.7UF		16V
R6176	1-216-071-00	RES-CHIP	8.2K	5%	1.10W		C8209	1-163-251-11	CERAMIC CHIP	100PF	5.00%	50V
R6179	1-216-295-91		0				C8210	1-164-004-11			10.00%	
R6186	1-216-063-91		3.9K	5%	1/10W		C8211	1-163-243-11	CERAMIC CHIP		5.00%	
R6189	1-216-295-91		0		-,		C8212		CERAMIC CHIP		5.00%	
R6206	1-216-105-91	RES-CHIP	220K	5%	1/10W		C8213	1-163-087-00	CERAMIC CHIP	4PF	0.25PF	50V
R6207	1-216-105-91	RES-CHIP	220K		1/10W		C8214	1-163-087-00	CERAMIC CHIP		0.25PF	
R6265	1-216-105-91		220K		1/10W		C8215	1-163-243-11	CERAMIC CHIP		5.00%	
R6266	1-216-113-00		470K		1/10W		C8216	1-126-933-11		100UF	20.00%	
R6268	1-216-093-91		68K	5%	1/10W		C8217		CERAMIC CHIP		10.00%	
R6276	1-216-686-11	METAL CHIP	30K	0.5%	1/10W		C8218	1-126-964-11	ELECT	10UF	20.00%	50V
R6277	1-216-686-11		30K		1/10W		C8219		CERAMIC CHIP	0.1UF	10.00%	
R6284	1-216-109-00		330K	5%	1/10W		C8220	1-126-964-11		10UF	20.00%	
R6286	1-216-071-00		8.2K		1/10W		C8221	1-104-664-11		47UF	20.00%	
R6287	1-216-081-00		22K	5%	1/10W		C8222	1-104-664-11		47UF	20.00%	
R6370	1-216-677-11	METAL CHIP	12K	0.5%	1/10W		C8223	1-104-664-11	ELECT	47UF	20.00%	16V
R6428	1-216-101-00		150K		1/10W		C8224		CERAMIC CHIP		10.00%	
R6431	1-216-113-00		470K		1/10W		C8225	1-104-664-11		47UF	20.00%	
					-,		C8227		CERAMIC CHIP		10.00%	
							C8228		CERAMIC CHIP		10.00%	
*A-16	51-133-A J	Board, Com	plete				50110				20.000	
	.4						C8229		CERAMIC CHIP		10.00%	
	<capacit< td=""><td>IUK></td><td></td><td></td><td></td><td></td><td>C8230</td><td></td><td>CERAMIC CHIP</td><td></td><td>10.00%</td><td></td></capacit<>	IUK>					C8230		CERAMIC CHIP		10.00%	
-010-	4 404 000		4 0 0		00 000	1.00	C8231		CERAMIC CHIP		10.00%	
C8105	1-126-933-11		100UF		20.00%		C8232		CERAMIC CHIP	0.1UF	10.00%	
C8106	1-126-933-11		100UF		20.00%		C8233	1-104-664-11	ELECT	47UF	20.00%	16V
C8107	1-126-935-11		470UF		20.00%							
C8108	1-126-933-11		100UF		20.00%		C8234	1-107-823-11	CERAMIC CHIP	0.47UF	10.00%	16V
C8109	1-164-004-11	CERAMIC CHIP (0.1UF		10.00%	25V	C8235	1-107-823-11	CERAMIC CHIP	0.47UF	10.00%	16V
							C8236	1-126-933-11	ELECT	100UF	20.00%	16V
C8110		CERAMIC CHIP (10.00%	25V	C8237	1-163-021-91	CERAMIC CHIP	0.01UF	10.00%	50V
C8111	1-126-933-11	ELECT	100UF		20.00%	16V	C8238	1-164-505-11	CERAMIC CHIP	2.2UF		16V
C8112	1-107-715-11	ELECT	22UF		20.00%	16V						
C8144	1-107-823-11	CERAMIC CHIP (0.47UF		10.00%	16V	C8239	1-107-823-11	CERAMIC CHIP	0.47UF	10.00%	16V
C8145	1-107-823-11	CERAMIC CHIP (0.47UF		10.00%	16V	C8240		CERAMIC CHIP		10.00%	
							C8241	1-126-964-11		10UF	20.00%	
C8150	1-163-251-11	CERAMIC CHIP	100PF		5.00%	50V	C8242	1-104-664-11		47UF	20.00%	
							C8243		CERAMIC CHIP		10.00%	
C8151	1-163-017-00	CERAMIC CHIP (0.00471	JF	10.00%	50V		··· - ·				
C8152	1-164-346-11	CERAMIC CHIP	1UF			16V	C8301	1-163-037-11	CERAMIC CHIP	0.022UF	10.00%	50V
C8153	1-107-682-11	CERAMIC CHIP	1UF		10.00%	16V	C8302		CERAMIC CHIP		10.00%	
C8154	1-163-021-91	CERAMIC CHIP (0.01UF		10.00%			,				-



REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
C8303	1-126-933-11	ELECT 100UF	20.00% 16V	C8417	1-164-346-11	CERAMIC CHIP 1UF	16V
C8304	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V	C8418	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8305	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C8419	1-126-964-11	ELECT 10UF	20.00% 50V
C8306	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V	C8420	1-104-664-11	ELECT 47UF	20.00% 16V
C8307	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V	C8421	1-126-933-11	ELECT 100UF	20.00% 16V
C8308	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V	C8423	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C8309	1-126-961-11	ELECT 2.2UF	20.00% 50V	C8424	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C8311	1-104-664-11	ELECT 47UF	20.00% 16V	C8427	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C8313	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C8437	1-126-963-11	ELECT 4.7UF	20.00% 50V
C8314	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C8501	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V
C8318	1-104-664-11	ELECT 47UF	20.00% 16V	C8503	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8321	1-104-664-11	ELECT 47UF	20.00% 16V	C8504	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8322	1-163-227-11	CERAMIC CHIP 10PF	0.50PF 50V	C8505	1-126-933-11	ELECT 100UF	20.00% 16V
C8323	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C8506	1-163-037-11	CERAMIC CHIP 0.022UF	10.00% 50V
C8324	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C8507	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8325	1-126-964-11	ELECT 10UF	20.00% 50V	C8508	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8326	1-104-664-11	ELECT 47UF	20.00% 16V	C8509	1-126-933-11	ELECT 100UF	20.00% 16V
C8327	1-107-682-11	CERAMIC CHIP 1UF	10.00% 16V	C8510	1-104-664-11	ELECT 47UF	20.00% 16V
C8328	1-104-664-11	ELECT 47UF	20.00% 16V	C8511	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8329	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C8512	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8331	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C8513	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8332	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C8514	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8333	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C8515	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8334	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C8516	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8335	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C8517	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8336	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C8518	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8337	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C8519	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8338	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V	C8520	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8345	1-164-346-11	CERAMIC CHIP 1UF	16V	C8521	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8346	1-126-963-11	ELECT 4.7UF	20.00% 50V	C8601	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C8349	1-163-113-00	CERAMIC CHIP 68PF	5.00% 50V	C8602	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C8401	1-107-823-11	CERAMIC CHIP 0.47UF	10.00% 16V	C8605	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C8402	1-163-037-11	CERAMIC CHIP 0.022UF		C8606	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C8403	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C8607	1-104-664-11	ELECT 47UF	20.00% 16V
C8404	1-126-961-11	ELECT 2.2UF	20.00% 50V	C8608	1-104-664-11	ELECT 47UF	20.00% 16V
C8405	1-104-664-11	ELECT 47UF	20.00% 16V	C8609	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C8406	1-104-664-11		20.00% 16V	C8610	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C8407		CERAMIC CHIP 0.22UF	10.00% 25V	C8611		CERAMIC CHIP 0.22UF	10.00% 25V
C8408		CERAMIC CHIP 0.1UF	10.00% 25V	C8612	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V
C8409	1-115-340-11	CERAMIC CHIP 0.22UF	10.00% 25V	C8613	1-104-664-11	ELECT 47UF	20.00% 16V
C8410	1-163-021-91	CERAMIC CHIP 0.01UF	10.00% 50V	C8614	1-104-664-11	ELECT 47UF	20.00% 16V
C8411		CERAMIC CHIP 0.01UF	10.00% 50V	C8700	1-126-964-11		20.00% 50V
C8412		CERAMIC CHIP 0.22UF	10.00% 25V	C8701	1-104-664-11		20.00% 16V
C8413	1-104-664-11		20.00% 16V	C8702	1-163-133-00		5.00% 50V
C8414	1-104-664-11		20.00% 16V	C8703		CERAMIC CHIP 0.1UF	10.00% 25V
C8415	1-162-227-11	CERAMIC CHIP 10PF	0.50PF 50V	C8704	1_162_021_01	CERAMIC CHIP 0.01UF	10.00% 50V
C8415		CERAMIC CHIP 10FF	10.00% 25V	C8705		CERAMIC CHIP 0.01UF	10.00% 50V
C0110	T 104-004-11	CEMPATIC CRIF V.10F	IV.VV0 2JV	60703	1 105-021-91	CEMPITO CHIF V.VIUF	10.000 JOY

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REF. NO.	PART.NO	DESCRIPTION		REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
C8706	1-163-235-11	CERAMIC CHIP	22PF 5.0	0% 50V	C8862	1-164-346-11	CERAMIC CHIP 1UF	16V
C8707	1-163-235-11	CERAMIC CHIP	22PF 5.0	0% 50V	C8863	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8708	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8864	1-164-346-11	CERAMIC CHIP 1UF	16V
C8709	1-126-964-11	ELECT	10UF 20.	00% 50V	C8865	1-104-664-11	ELECT 47UF	20.00% 16V
C8710	1-126-933-11	ELECT	100UF 20.	00% 16V	C8866	1-164-346-11	CERAMIC CHIP 1UF	16V
C8804	1-126-933-11	ELECT	100UF 20.	00% 16V	C8867	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8812	1-163-021-91	CERAMIC CHIP	0.01UF 10.	00% 50V	C8868	1-126-964-11	ELECT 10UF	20.00% 50V
C8814	1-104-664-11	ELECT		00% 25V	C8869	1-164-004-11	CERAMIC CHIP 0.1UF	10.00% 25V
C8817	1-126-933-11	ELECT	100UF 20.	00% 16V	C8896	1-163-251-11	CERAMIC CHIP 100PF	5.00% 50V
C8822	1-126-933-11	ELECT	100UF 20.	00% 16V	C8897	1-163-251-11	CERAMIC CHIP 100PF	5.00% 50V
C8823	1-163-021-91	CERAMIC CHIP	0.01UF 10.	00% 50V	C8898	1-163-227-11	CERAMIC CHIP 10PF	0.50PF 50V
C8824	1-104-664-11	ELECT	47UF 20.	00% 25V	C8899	1-163-227-11	CERAMIC CHIP 10PF	0.50PF 50V
C8825	1-115-340-11	CERAMIC CHIP	0.22UF 10.	00% 25V	C8900	1-163-251-11	CERAMIC CHIP 100PF	5.00% 50V
C8826	1-163-251-11	CERAMIC CHIP	100PF 5.0	0% 50V	C8901	1-163-017-00	CERAMIC CHIP 0.0047UF	10.00% 50V
C8827	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8902	1-163-017-00	CERAMIC CHIP 0.0047UF	10.00% 50V
C8828	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8903	1-163-251-11	CERAMIC CHIP 100PF	5.00% 50V
C8829	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8904	1-163-017-00	CERAMIC CHIP 0.0047UF	10.00% 50V
C8830	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8905	1-163-251-11	CERAMIC CHIP 100PF	5.00% 50V
C8831	1-126-964-11	ELECT	10UF 20.	00% 50V	C8906	1-163-251-11	CERAMIC CHIP 100PF	5.00% 50V
C8832	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8907	1-163-017-00	CERAMIC CHIP 0.0047UF	10.00% 50V
C8833	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8908	1-163-251-11	CERAMIC CHIP 100PF	5.00% 50V
C8834	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8909	1-163-017-00	CERAMIC CHIP 0.0047UF	10.00% 50V
C8835	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8910	1-163-251-11	CERAMIC CHIP 100PF	5.00% 50V
C8836	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8911	1-163-017-00	CERAMIC CHIP 0.0047UF	10.00% 50V
C8837	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8914	1-126-933-11	ELECT 100UF	20.00% 16V
C8838	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V	C8977	1-163-009-11	CERAMIC CHIP 0.001UF	10.00% 50V
C8839	1-163-251-11	CERAMIC CHIP	100PF 5.0	0% 50V	C8978	1-163-009-11	CERAMIC CHIP 0.001UF	10.00% 50V
C8840	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V				
C8841	1-164-004-11	CERAMIC CHIP	0.1UF 10.	00% 25V		<filter></filter>		
C8842	1-104-664-11	ELECT	47UF 20.	00% 16V				
					CF8150	1-760-106-11	FILTER, CERAMIC	
C8843		CERAMIC CHIP		00% 25V	CF8151	1-567-100-00	FILTER, CERAMIC	
C8844	1-163-021-91	CERAMIC CHIP	0.01UF 10.	00% 50V	CF8152	1-760-450-21	FILTER, CERAMIC	
C8846	1-126-933-11			00% 16V	CF8200	1-409-327-00	TRAP, CERAMIC (6.5MHZ)	
C8847		CERAMIC CHIP		00% 25V				
C8849	1-164-346-11	CERAMIC CHIP	1UF	16V		<connecto< td=""><td>R></td><td></td></connecto<>	R>	
C8850	1-164-346-11	CERAMIC CHIP	1UF	16V	CN8101	1-695-302-11	CONNECTOR, BOARD TO BOAR	D 50P
C8851	1-126-967-11	ELECT	47UF 20.	00% 50V	CN8900		SOCKET, PIN 21P	
C8852	1-164-346-11	CERAMIC CHIP	1UF	16V	CN8901	1-695-293-11	SOCKET 21P	
C8853	1-126-967-11	ELECT	47UF 20.	00% 50V	CN8902	1-695-293-11	SOCKET 21P	
C8854	1-164-346-11	CERAMIC CHIP	1UF	16V		<diode></diode>		
C8855	1-164-346-11	CERAMIC CHIP	1UF	16V		ノロエハロビン		
C8856	1-164-346-11	CERAMIC CHIP	1UF	16V	D8150	8-719-421-57	DIODE MA73-TX	
C8857	1-164-346-11	CERAMIC CHIP	1UF	16V	D8151	8-719-421-57	DIODE MA73-TX	
C8858	1-164-346-11	CERAMIC CHIP	1UF	16V	D8152	8-719-421-57	DIODE MA73-TX	
C8859	1-164-346-11	CERAMIC CHIP	1UF	16V	D8153	8-719-056-83	DIODE UDZ-TE-17-6.8B	
00000	1 164 246 44	ODDANIA OUT	1	1 (17	D8200	8-719-158-49	DIODE UDZ-TE-17-12B	
C8860		CERAMIC CHIP		16V	D0001	0 710 150 40	DIODE UDZ ME 12 100	
C8861	1-164-346-11	CERAMIC CHIP	TOR	16V	D8201	8-719-158-49	DIODE UDZ-TE-17-12B	



REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
D8202	8-719-158-49	DIODE UDZ-TE-17-12B		FL8504	1-233-766-21	FILTER	
D8203	8-719-158-49	DIODE UDZ-TE-17-12B		FL8700	1-236-071-11	ENCAPSULATED COMPONEN	T
D8801	8-719-158-49	DIODE UDZ-TE-17-12B		FL8701	1-236-071-11	ENCAPSULATED COMPONEN	T
D8802	8-719-158-49	DIODE UDZ-TE-17-12B		FL8801	1-236-071-11	ENCAPSULATED COMPONEN	T
D8803	8-719-158-49	DIODE UDZ-TE-17-12B		FL8802	1-236-071-11	ENCAPSULATED COMPONEN	T
D8804	8-719-158-49	DIODE UDZ-TE-17-12B			<ic></ic>		
D8805	8-719-158-49	DIODE UDZ-TE-17-12B					
D8806	8-719-158-49	DIODE UDZ-TE-17-12B		IC8101	8-759-576-76	IC TDA2822D013TR	
D8807	8-719-158-49	DIODE UDZ-TE-17-12B		IC8150	8-759-478-90	IC U2861B-MFP-G3	
D8808	8-719-158-49	DIODE UDZ-TE-17-12B		IC8151	8-752-072-94	IC CXA1875AM-T4	
				IC8200	8-759-654-42	IC MSP3410D-C5QA-B4	
D8809	8-719-158-49	DIODE UDZ-TE-17-12B		IC8201	8-759-701-36	IC MC3403NS-E20	
D8810	8-719-158-49	DIODE UDZ-TE-17-12B					
D8811	8-719-158-49	DIODE UDZ-TE-17-12B		IC8202	8-759-908-15	IC TL431CZ	
D8812	8-719-158-49	DIODE UDZ-TE-17-12B		IC8301	8-752-096-06	IC CXA2163Q-T6	
D8813	8-719-158-49	DIODE UDZ-TE-17-12B		IC8302	8-759-485-79	IC TC7SET08FU(TE85R)	
				IC8401	8-752-096-06	IC CXA2163Q-T6	
D8814	8-719-158-49	DIODE UDZ-TE-17-12B		IC8402	8-759-485-79	IC TC7SET08FU(TE85R)	
D8900	8-719-056-85	DIODE UDZ-TE-17-8.2B					
D8901	8-719-158-49	DIODE UDZ-TE-17-12B		IC8500	8-752-390-37	IC CXD2064Q-T6	
D8902	8-719-056-85	DIODE UDZ-TE-17-8.2B		IC8601	8-759-182-88	IC PQ09TZ5U	
D8903	8-719-056-85	DIODE UDZ-TE-17-8.2B		IC8602	8-759-576-72	IC LF50CDT-TR	
				IC8603	8-759-576-72	IC LF50CDT-TR	
D8904	8-719-056-85	DIODE UDZ-TE-17-8.2B		IC8604	8-759-576-72	IC LF50CDT-TR	
D8905	8-719-056-85	DIODE UDZ-TE-17-8.2B					
D8906	8-719-056-85	DIODE UDZ-TE-17-8.2B		IC8700	8-752-390-35	IC CXD2057M-T6	
D8907	8-719-158-49	DIODE UDZ-TE-17-12B		IC8801	8-752-096-83	IC CXA2149AQ-TL	
D8908	8-719-056-85	DIODE UDZ-TE-17-8.2B			<jack></jack>		
D8909	0_710_056_05	DIODE UDZ-TE-17-8.2B			COACA		
D8910		DIODE UDZ-TE-17-8.2B		J8901	1_774_747_11	JACK BLOCK, PIN	
D8910 D8911		DIODE UDZ-TE-17-8.2B		00901	1-//4-/4/-11	OACK BLOCK, FIN	
D8911		DIODE UDZ-TE-17-12B			<chip con<="" td=""><td>ntic#op∖</td><td></td></chip>	ntic#op∖	
D8912		DIODE UDZ-TE-17-12B			Chir Con	DOCTOR	
D0913	0 /19 130 49	DIODE ODE IE I/ 125		JR8101	1-216-295-91	SHORT 0	
D8914	8-719-158-49	DIODE UDZ-TE-17-12B		JR8402	1-216-295-91		
D8915		DIODE UDZ-TE-17-12B		010402	1 210 255 51	DHOKI	
50313	0 719 130 49	DIODE ODE 1E 17 125			<coil></coil>		
	<filter></filter>				(0011)		
	VI IIIIIV			L8150	1-414-757-11	INDUCTOR 100UH	
FL8200	1-236-071-11	ENCAPSULATED COMPONENT		L8200		INDUCTOR CHIP 10UH	
FL8201	1-233-764-21			L8201		INDUCTOR CHIP 100UH	
FL8203		ENCAPSULATED COMPONENT		L8301		INDUCTOR CHIP 10UH	
FL8302		ENCAPSULATED COMPONENT		10301	1 412 000 51	INDUCTOR CHILL IOON	
FL8304		ENCAPSULATED COMPONENT			<transist< td=""><td>OR></td><td></td></transist<>	OR>	
					(114410101	•••	
FL8308		ENCAPSULATED COMPONENT		Q8100		TRANSISTOR 2SC2412K-T	
FL8401		ENCAPSULATED COMPONENT		Q8101		TRANSISTOR 2SC2412K-T	
FL8402	1-236-071-11	ENCAPSULATED COMPONENT		Q8150	8-729-120-28	TRANSISTOR 2SC2412K-T	-146-R
FL8403	1-236-071-11	ENCAPSULATED COMPONENT		Q8151	1-801-806-11	TRANSISTOR DTC144EKA-	T146
FL8500	1-236-071-11	ENCAPSULATED COMPONENT		Q8152	1-801-806-11	TRANSISTOR DTC144EKA-	T146
FL8501	1-236-071-11	ENCAPSULATED COMPONENT		Q8153	1-801-806-11	TRANSISTOR DTC144EKA-	T146
FL8502	1-233-765-21			Q8154		TRANSISTOR DTC144EKA-	
FL8503	1-233-768-21			Q8156		TRANSISTOR 2SC2412K-T	
				2			

REF. NO.	PART.NO	DESCRIPTION	N		REMARK	REF. NO.	PART.NO	DESCRIPTION			REMARK
Q8157	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8150	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
Q8200	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8151	1-216-069-00	RES-CHIP	6.8K	5%	1/10W
Q8201	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8152	1-216-035-00	RES-CHIP	270	5%	1/10W
Q8202	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8153	1-216-081-00	RES-CHIP	22K	5%	1/10W
Q8300	8-729-216-22	TRANSISTOR 2	2SA1037K	-T-146	-R	R8154	1-216-067-00	RES-CHIP	5.6K	5%	1/10W
Q8302	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8155	1-216-043-91	RES-CHIP	560	5%	1/10W
Q8303	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8156	1-216-081-00	RES-CHIP	22K	5%	1/10W
Q8305	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8157	1-216-067-00	RES-CHIP	5.6K	5%	1/10W
Q8306	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8158	1-216-043-91	RES-CHIP	560	5%	1/10W
Q8308	8-729-038-96	TRANSISTOR I	[MZ1A-T1	09		R8159	1-216-081-00	RES-CHIP	22K	5%	1/10W
Q8309	8-729-038-96	TRANSISTOR I	[MZ1A-T1	09		R8160	1-216-067-00	RES-CHIP	5.6K	5%	1/10W
Q8310	8-729-038-96	TRANSISTOR I	(MZ1A-T1	09		R8161	1-216-043-91	RES-CHIP	560	5%	1/10W
Q8401	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8162	1-216-049-91	RES-CHIP	1K	5%	1/10W
Q8402	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8163	1-216-295-91	SHORT	0		
Q8403	8-729-038-96	TRANSISTOR I	[MZ1A-T1	09		R8164	1-216-295-91	SHORT	0		
Q8404	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8165	1-216-295-91	SHORT	0		
Q8405	8-729-038-96	TRANSISTOR I	(MZ1A-T1	09		R8167	1-216-025-91	RES-CHIP	100	5%	1/10W
Q8406	8-729-038-96	TRANSISTOR I	[MZ1A-T1	09		R8168	1-216-025-91	RES-CHIP	100	5%	1/10W
Q8501	8-729-216-22	TRANSISTOR 2	2SA1037K	-T-146	-R	R8174	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
Q8503	8-729-216-22	TRANSISTOR 2	2SA1037K	-T-146	-R	R8175	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
Q8504	8-729-216-22	TRANSISTOR 2	2SA1037K	-T-146	-R	R8176	1-216-295-91	SHORT	0		
Q8700	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8178	1-216-073-00	RES-CHIP	10K	5%	1/10W
Q8809	8-729-216-22	TRANSISTOR 2	2SA1037K	-T-146	-R	R8200	1-216-049-91	RES-CHIP	1K	5%	1/10W
Q8814	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8201	1-216-295-91	SHORT	0		
Q8816	8-729-216-22	TRANSISTOR 2	2SA1037K	-T-146	-R	R8202	1-216-021-00	RES-CHIP	68	5%	1/10W
Q8817	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8203	1-216-069-00	RES-CHIP	6.8K	5%	1/10W
Q8818	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8204	1-216-049-91	RES-CHIP	1K	5%	1/10W
Q8819	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8205	1-216-069-00	RES-CHIP	6.8K	5%	1/10W
Q8820	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8206	1-216-049-91	RES-CHIP	1K	5%	1/10W
Q8901	8-729-120-28	TRANSISTOR 2	2SC2412K	-T-146	-R	R8208	1-216-037-00	RES-CHIP	330	5%	1/10W
Q8902	8-729-216-22	TRANSISTOR 2	2SA1037K	-T-146	-R	R8209	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W
						R8210	1-216-025-91	RES-CHIP	100	5%	1/10W
	<resistor< td=""><td>></td><td></td><td></td><td></td><td>R8211</td><td>1-216-295-91</td><td>SHORT</td><td>0</td><td></td><td></td></resistor<>	>				R8211	1-216-295-91	SHORT	0		
						R8212	1-216-295-91	SHORT	0		
R8103	1-216-075-00			5%	1/10W	R8213	1-216-295-91	SHORT	0		
R8104	1-216-075-00		12K	5%	1/10W						
R8105	1-216-057-00		2.2K		1/10W	R8216	1-216-025-91		100	5%	1/10W
R8106	1-216-081-00		22K	5%	1/10W	R8217	1-216-025-91		100	5%	1/10W
R8107	1-216-081-00	RES-CHIP	22K	5%	1/10W	R8218	1-216-049-91		1K	5%	1/10W
						R8219	1-216-025-91		100	5%	1/10W
R8108	1-216-057-00		2.2K		1/10W	R8220	1-216-025-91	RES-CHIP	100	5%	1/10W
R8109	1-249-389-11		4.7	5%	1/4W						
R8110	1-249-389-11		4.7	5%	1/4W	R8221	1-216-025-91		100	5%	1/10W
R8111	1-216-033-00		220	5%	1/10W	R8222	1-216-295-91		0		
R8112	1-216-033-00	RES-CHIP	220	5%	1/10W	R8223	1-216-089-91		47K	5%	1/10W
						R8224	1-216-089-91		47K	5%	1/10W
R8115	1-216-029-00		150	5%	1/10W	R8225	1-216-089-91	RES-CHIP	47K	5%	1/10W
R8116	1-216-029-00		150	5%	1/10W					_	
R8117	1-216-029-00		150	5%	1/10W	R8226	1-216-089-91		47K	5%	1/10W
R8118	1-216-029-00	RES-CHIP	150	5%	1/10W	R8227	1-216-089-91	RES-CHIP	47K	5%	1/10W

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REF. NO.	PART.NO	DESCRIPTION			REMARK	REF. NO.	PART.NO	DESCRIPTION			REMARK
R8228	1-216-089-91	RES-CHIP	47K	5%	1/10W	R8344	1-216-091-00	RES-CHIP	56K	5%	1/10W
R8229	1-216-295-91	SHORT	0			R8345	1-216-079-00	RES-CHIP	18K	5%	1/10W
R8230	1-216-081-00	RES-CHIP	22K	5%	1/10W	R8346	1-216-091-00	RES-CHIP	56K	5%	1/10W
R8231	1-216-089-91	RES-CHIP	47K	5%	1/10W	R8347	1-216-079-00	RES-CHIP	18K	5%	1/10W
R8232	1-216-089-91	RES-CHIP	47K	5%	1/10W	R8350	1-216-049-91	RES-CHIP	1K	5%	1/10W
R8233	1-216-089-91	RES-CHIP	47K	5%	1/10W	R8401	1-216-295-91	SHORT	0		
R8234	1-216-089-91	RES-CHIP	47K	5%	1/10W	R8402	1-216-295-91	SHORT	0		
R8235	1-216-089-91		47K	5%	1/10W	R8403	1-216-083-00		27K	5%	1/10W
R8236	1-216-089-91		47K	5%	1/10W	R8405	1-216-063-91		3.9K	5%	1/10W
R8237	1-216-043-91		560	5%	1/10W	R8406	1-216-017-91		47	5%	1/10W
R8238	1-216-063-91	RES-CHIP	3.9K	5%	1/10W	R8407	1-216-049-91	RES-CHIP	1K	5%	1/10W
R8239	1-216-069-00	RES-CHIP	6.8K		1/10W	R8408	1-216-039-00		390	5%	1/10W
R8240	1-216-651-11	METAL CHIP	0.0K	0.5%	1/10W 1/10W	R8409	1-216-039-00		390 47	ეგ 5%	1/10W 1/10W
R8240	1-216-651-11	RES-CHIP	68	0.5% 5%	1/10W 1/10W	R8419 R8412	1-216-017-91		100	5% 5%	1/10W 1/10W
				Jō	1/10M	ı					
R8300	1-216-295-91	SHORT	0			R8413	1-216-025-91	KES-CHIP	100	5%	1/10W
R8302	1-216-017-91		47	5%	1/10W	R8416	1-216-091-00		56K	5%	1/10W
R8306	1-216-083-00	RES-CHIP	27K	5%	1/10W	R8417	1-216-081-00		22K	5%	1/10W
R8307	1-216-049-91	RES-CHIP	1K	5%	1/10W	R8418	1-216-295-91		0		
R8308	1-216-039-00	RES-CHIP	390	5%	1/10W	R8419	1-216-041-00	RES-CHIP	470	5%	1/10W
R8309	1-216-049-91	RES-CHIP	1K	5%	1/10W	R8420	1-216-041-00	RES-CHIP	470	5%	1/10W
R8310	1-216-037-00	RES-CHIP	330	5%	1/10W	R8421	1-216-041-00	RES-CHIP	470	5%	1/10W
R8312	1-216-091-00	RES-CHIP	56K	5%	1/10W	R8422	1-216-037-00	RES-CHIP	330	5%	1/10W
R8313	1-216-081-00	RES-CHIP	22K	5%	1/10W	R8423	1-216-041-00	RES-CHIP	470	5%	1/10W
R8314	1-216-295-91	SHORT	0		,	R8424	1-216-041-00	RES-CHIP	470	5%	1/10W
R8315	1-216-121-91	RES-CHIP	1M	5%	1/10W	R8425	1-216-041-00	RES-CHIP	470	5%	1/10W
R8316	1-216-037-00	RES-CHIP	330	5%	1/10W	R8426	1-216-017-91	RES-CHIP	47	5%	1/10W
R8317	1-216-295-91	SHORT	0		,	R8427	1-216-017-91	RES-CHIP	47	5%	1/10W
R8318	1-216-295-91	SHORT	0			R8428	1-216-017-91		47	5%	1/10W
R8319	1-216-295-91	SHORT	0			R8429	1-216-041-00		470	5%	1/10W
R8320	1-216-041-00		470	5%	1/10W	R8430	1-216-037-00		330	5%	1/10W
R8322	1-216-049-91	RES-CHTP	1K	5%	1/10W	R8431	1-216-041-00	RES-CHIP	470	5%	1/10W
R8323	1-216-017-91		47	5%	1/10W	R8432	1-216-041-00		470	5%	1/10W
R8324	1-216-017-91		470	ეი 5%	1/10W	R8433	1-216-041-00		470	ე _ა 5%	1/10W 1/10W
R8326	1-216-041-00		47	ეი 5%	1/10W	R8435	1-216-041-00		56K	ა 5%	1/10W 1/10W
R8328	1-216-025-91		100	5%	1/10W	R8436	1-216-079-00		18K	5%	1/10W
R8329	1-216-025-91	מדט_רשדם	100	5%	1/10W	R8437	1-216-091-00	DEC-CUID	56K	5%	1/10W
R8330	1-216-025-91		470	5% 5%	1/10W 1/10W	R8438	1-216-091-00		18K	5%	1/10W 1/10W
R8331	1-216-041-00		470	5% 5%	1/10W 1/10W	R8438 R8439	1-216-079-00		0 19K	Jo	T/ TOW
R8332	1-216-041-00		470	5% 5%	1/10W 1/10W	R8439 R8506	1-216-295-91		0 56K	E0	1/10W
R8333	1-216-041-00		470 470	5% 5%	1/10W 1/10W	R8506	1-216-091-00		70C	5%	T/ TOM
	041 00	O.I.I.			-/ · · ·	1.0007			•		
R8334	1-216-041-00		470	5%	1/10W	R8508	1-216-043-91		560	5%	1/10W
R8336	1-216-041-00		470	5%	1/10W	R8509	1-216-031-00		180	5%	1/10W
R8337	1-216-041-00		470	5%	1/10W	R8510	1-216-067-00		5.6K		1/10W
R8338	1-216-017-91		47	5%	1/10W	R8511	1-216-049-91		1K	5%	1/10W
R8339	1-216-017-91	RES-CHIP	47	5%	1/10W	R8512	1-216-295-91	SHORT	0		
				. .	1 /1 053						
R8340	1-216-063-91	RES-CHIP	3.9K	5 8	1/10W	R8514	1-216-017-91	RES-CHIP	47	5%	1/10W

REF. NO.	PART.NO	DESCRIPTION			REMARK	REF. NO.	PART.NO	DESCRIPTION			REMARK
R8519	1-216-037-00	RES-CHIP	330	5%	1/10W	R8868	1-216-017-91	RES-CHIP	47	5%	1/10W
R8520	1-216-041-00	RES-CHIP	470	5%	1/10W	R8869	1-216-017-91	RES-CHIP	47	5%	1/10W
R8521	1-216-061-00	RES-CHIP	3.3K	5%	1/10W	R8871	1-216-049-91	RES-CHIP	1K	5%	1/10W
R8522	1-216-041-00	RES-CHIP	470	5%	1/10W	R8872	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R8523	1-216-033-00	RES-CHIP	220	5%	1/10W	R8873	1-216-113-00	RES-CHIP	470K		1/10W
DOEGE	1 216 205 01	CHODM	۸			D0074	1 216 057 00	DEC CUID	ט טע	E 0.	1 /1 014
R8525	1-216-295-91	SHORT	0	EO	1 /1 013	R8874	1-216-057-00	RES-CHIP	2.2K		1/10W
R8526	1-216-061-00	RES-CHIP	3.3K	5% =0	1/10W	R8875	1-216-113-00	RES-CHIP	470K		1/10W
R8527	1-216-047-91	RES-CHIP	820	5% ••	1/10W	R8876	1-216-093-91	RES-CHIP	68K	5% = 0	1/10W
R8528	1-216-047-91	RES-CHIP	820	5 %	1/10W	R8877	1-216-093-91	RES-CHIP	68K	5% ••	1/10W
R8529	1-216-055-00	RES-CHIP	1.8K	5%	1/10W	R8878	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R8530	1-216-051-00	RES-CHIP	1.2K	5%	1/10W	R8879	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R8531	1-216-053-00	RES-CHIP	1.5K	5%	1/10W	R8880	1-216-295-91	SHORT	0		
R8532	1-216-049-91	RES-CHIP	1K	5%	1/10W	R8881	1-216-089-91	RES-CHIP	47K	5%	1/10W
R8700	1-216-049-91	RES-CHIP	1K	5%	1/10W	R8882	1-216-079-00	RES-CHIP	18K	5%	1/10W
R8701	1-216-073-00	RES-CHIP	10K	5%	1/10W	R8883	1-216-645-11	METAL CHIP	560	0.5%	1/10W
R8702	1-216-025-91	RES-CHIP	100	5%	1/10W	R8885	1-216-645-11	METAL CHIP	560	0.5%	1/10W
R8703	1-216-025-91	RES-CHIP	100	5%	1/10W	R8886	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R8704	1-216-025-91		100	5%	1/10W	R8888	1-216-033-00	RES-CHIP	220	5%	1/10W
R8705	1-216-295-91	SHORT	0	J 0	1/1011	R8889	1-216-033-00	RES-CHIP	220	5%	1/10W
R8706			1K	5%	1/10W	R8890		SHORT	0	Jo	1/10W
K0/00	1-216-049-91	KES-CHIP	IV	36	1/10W	K0090	1-216-295-91	200KI	U		
R8707	1-216-089-91		47K	5%	1/10W	R8892	1-216-295-91	SHORT	0		
R8708	1-216-081-00	RES-CHIP	22K	5%	1/10W	R8893	1-216-295-91	SHORT	0		
R8709	1-216-059-00	RES-CHIP	2.7K	5%	1/10W	R8900	1-216-039-00	RES-CHIP	390	5%	1/10W
R8806	1-216-085-00	RES-CHIP	33K	5%	1/10W	R8901	1-216-049-91	RES-CHIP	1K	5%	1/10W
R8807	1-216-089-91	RES-CHIP	47K	5%	1/10W	R8902	1-216-039-00	RES-CHIP	390	5%	1/10W
R8820	1-216-295-91	SHORT	0			R8903	1-216-089-91	RES-CHIP	47K	5%	1/10W
R8826	1-216-051-00	RES-CHIP	1.2K	5%	1/10W	R8904	1-216-089-91	RES-CHIP	47K	5%	1/10W
R8838	1-216-025-91	RES-CHIP	100	5%	1/10W	R8905	1-216-113-00	RES-CHIP	470K	5%	1/10W
R8839	1-216-085-00	RES-CHIP	33K	5%	1/10W	R8906	1-216-035-00	RES-CHIP	270	5%	1/10W
R8840	1-216-089-91	RES-CHIP	47K	5%	1/10W	R8907	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R8841	1-216-025-91	RES-CHIP	100	5%	1/10W	R8908	1-216-035-00	RES-CHIP	270	5%	1/10W
R8846	1-216-295-91		0	30	1/1011	R8909	1-216-049-91		1K	5%	1/10W
R8848	1-216-035-00		270	5%	1/10W	R8911	1-216-025-91		100	5%	1/10W
R8850	1-216-033-00		220	5%	1/10W	R8913	1-216-022-00		75	5%	1/10W
					1/10W	R8914					1/10W
R8851	1-216-059-00	KES-CHIP	2.7K	28	1/10W	K8914	1-216-071-00	KES-CHIP	8.2K	38	1/10W
R8853	1-216-051-00	RES-CHIP	1.2K	5%	1/10W	R8915	1-216-022-00	RES-CHIP	75	5%	1/10W
R8854	1-216-029-00	RES-CHIP	150	5%	1/10W	R8916	1-216-017-91		47	5%	1/10W
R8855	1-216-031-00		180	5%	1/10W	R8917	1-216-017-91		47	5%	1/10W
R8856	1-216-055-00		1.8K		1/10W	R8918	1-216-113-00		470K		1/10W
R8857	1-216-089-91		47K	5%	1/10W	R8919	1-216-057-00		2.2K		1/10W
			• • •	•	-,	1.0020				•	-,
R8858	1-216-079-00	RES-CHIP	18K	5%	1/10W	R8922	1-216-022-00	RES-CHIP	75	5%	1/10W
R8859	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R8923	1-216-022-00	RES-CHIP	75	5%	1/10W
R8861	1-216-295-91	SHORT	0			R8924	1-216-022-00	RES-CHIP	75	5%	1/10W
R8863	1-216-295-91	SHORT	0			R8925	1-216-022-00	RES-CHIP	75	5%	1/10W
R8865	1-216-022-00	RES-CHIP	75	5%	1/10W	R8926	1-216-017-91	RES-CHIP	47	5%	1/10W
D0066	1 017 000 00	DD0 0"TF	7-	F0	1 /1 017	D0005	1 016 045 04	DEG 6"TP	47	F 0	1 /1 027
R8866	1-216-022-00		75 17	5% =0	1/10W	R8927	1-216-017-91		47	5% = 0	1/10W
R8867	1-216-049-91	KES-CHIP	1K	5%	1/10W	R8928	1-216-017-91	KES-CHIP	47	5%	1/10W



REF. NO.	PART.NO	DESCRIPTION			REMARK	REF. NO.	PART.NO	DESCRIPTION	NC	REM	ARK
R8929	1-216-039-00	RES-CHIP	390	5%	1/10W	R8995	1-216-089-91	RES-CHIP	47K 5%	1/10W	
R8930	1-216-049-91	RES-CHIP	1K	5%	1/10W	R8996	1-216-059-00	RES-CHIP	2.7K 5%	1/10W	
R8931	1-216-039-00	RES-CHIP	390	5%	1/10W	R8997	1-216-071-00	RES-CHIP	8.2K 5%	1/10W	
R8932	1-216-049-91	RES-CHIP	1K	5%	1/10W	R8998	1-216-041-00	RES-CHIP	470 5%	1/10W	
R8933	1-216-089-91	RES-CHIP	47K	5%	1/10W						
							<crystal></crystal>	•			
R8934	1-216-089-91	RES-CHIP	47K	5%	1/10W						
R8935	1-216-113-00		470K	5%	1/10W	X8200	1-781-148-21	VIBRATOR, (CRYSTAL		
R8936	1-216-113-00	RES-CHIP	470K	5%	1/10W	X8301	1-781-612-11	VIBRATOR, (CRYSTAL		
R8937	1-216-035-00	RES-CHIP	270	5%	1/10W	X8401	1-781-612-11	VIBRATOR, (CRYSTAL		
R8938	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	X8700	1-767-342-21	VIBRATOR, (CRYSTAL		
R8939	1-216-035-00	RES-CHIP	270	5%	1/10W	*Δ-16	44-108-A VM	Board Co	mplete		
R8940	1-216-057-00	RES-CHIP	2.2K	5%	1/10W		11 100 A VIII	Boara, oc	mpicto		
R8941	1-216-025-91	RES-CHIP	100	5%	1/10W		4-382-854-11	CODEM /MOV1/	0) D OW (1)		
R8942	1-216-009-91	RES-CHIP	22	5%	1/10W		4-302-034-11	PCKEM (MOVI)	υ), P, SW (T)		
R8943	1-216-022-00	RES-CHIP	75	5%	1/10W		< CAPACITO	מו מו			
							CAPACITO	K >			
R8944	1-216-071-00	RES-CHIP	8.2K	5%	1/10W	C5400	1-107-883-11	סן סיים	330UF	20.00%	1677
R8945	1-216-022-00	RES-CHIP	75	5%	1/10W	C5400	1-107-883-11		470UF	20.00%	
R8946	1-216-017-91	RES-CHIP	47	5%	1/10W						
R8947	1-216-039-00	RES-CHIP	390	5%	1/10W	C5402	1-137-150-11		0.01UF	5.00%	
R8948	1-216-049-91	RES-CHIP	1K	5%	1/10W	C5403	1-126-935-11		470UF	20.00%	
						C5405	1-126-933-11	ELECT	100UF	20.00%	160
R8949	1-216-022-00	RES-CHIP	75	5%	1/10W	C5406	1-126-935-11	PT POM	470UF	20.00%	6 277
R8950	1-216-089-91	RES-CHIP	47K	5%	1/10W	C5406	1-126-935-11		0.01UF	10.00%	
R8951	1-216-017-91	RES-CHIP	47	5%	1/10W	C5407	1-107-364-11		0.01UF		
R8952	1-216-113-00	RES-CHIP	470K	5%	1/10W		1-107-649-11			10.00%	
R8953	1-216-035-00	RES-CHIP	270	5%	1/10W	C5409			2.2UF	20.00%	
						C5410	1-130-471-00	MILAK	0.001UF	5.00%	300
R8954	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	CE 411	1_120_471_00	MVIAD	0.001112	E 000	E O T
R8955	1-216-039-00	RES-CHIP	390	5%	1/10W	C5411	1-130-471-00		0.001UF	5.00%	
R8956	1-216-049-91	RES-CHIP	1K	5%	1/10W	C5412	1-126-935-11		470UF	20.00%	
R8957	1-216-025-91	RES-CHIP	100	5%	1/10W	C5413	1-126-935-11		470UF	20.00%	
R8958	1-216-089-91	RES-CHIP	47K	5%	1/10W	C5414 C5415	1-107-652-11 1-107-363-91		10UF 0.0068UF	20.00% 10.00%	
						C5415	1-107-363-91	MILAK	0.00001	10.00%	2000
R8959	1-216-022-00	RES-CHIP	75	5%	1/10W	C5417	1-102-959-91	CEDAMIC	ววกต	5.00%	E O TZ
R8960	1-216-017-91	RES-CHIP	47	5%	1/10W	1			22PF		
R8961	1-216-022-00	RES-CHIP	75	5%	1/10W	C5418	1-102-947-00	CERAMIC	10PF	0.50PF	300
R8962	1-216-071-00	RES-CHIP	8.2K	5%	1/10W		✓ COMMECTIC	מו מו			
R8963	1-216-113-00	RES-CHIP	470K	5%	1/10W		< CONNECTO	K >			
						CN5402	*1-568-878-51	DIN CONNEC	מג מחשי		
R8964	1-216-035-00	RES-CHIP	270	5%	1/10W	CN5402	*1-770-723-11			מי חם	
R8965	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	CN5444 CN5602	*1-770-723-11			KD OF	
R8968	1-216-022-00	RES-CHIP	75	5%	1/10W	CNSOUZ	*I-200-00I-3I	PIN, CONNEC	CIOK OF		
R8969	1-216-017-91	RES-CHIP	47	5%	1/10W		< DIODE >				
R8974	1-216-057-00	RES-CHIP	2.2K	5%	1/10W		/ DIODE /				
						DEADO	8-719-991-33	חדרום 1001	33 m _77		
R8977	1-216-037-00	RES-CHIP	330	5%	1/10W	D5400 D5401	8-719-991-33				
R8978	1-216-037-00		330	5%	1/10W	1					
R8979	1-216-045-00		680	5%	1/10W	D5402	1-535-303-00				
R8980	1-216-045-00		680	5%	1/10W	D5403	8-719-991-33				
R8981	1-216-089-91		47K	5%	1/10W	D5404	8-719-991-33	חוסטות 1881	55T- <i>11</i>		
						DEADE	0 710 004 11	DIODE MET	m 77 00		
R8982	1-216-079-00	RES-CHIP	18K	5%	1/10W	D5405	8-719-924-11				
R8994	1-216-073-00		10K	5%	1/10W	D5406	8-719-924-11	DIODE WIZJ.	-T-11-ZZ		



REF. NO.	PART.NO	DESCRIPTIO	N	REMARK	REF. NO.	PART.NO	DESCRI	PTION		REMARK	
	< FERRITE	BEAD >			R5428	1-249-413-11	CARBON	470	5%	1/4W	
					R5429	1-249-413-11	CARBON	470	5%	1/4W	
FB5400	1-535-303-00	LEAD, JUMPER	(5.0MM)		R5430	1-249-417-11	CARBON	1K	5%	1/4W	
FB5401		LEAD, JUMPER			R5432	1-249-415-11		680	5%	1/4W	
		,	(R5433	1-249-400-11		39	5%	1/4W	
	< COIL >				1.0 100				••	_,	
					R5434	1-249-395-11	CARBON	15	5%	1/4W	
L5400	1-410-784-41	TNDUCTOR	0.18UH		1.0101				••	_,	
L5401	1-408-602-31		8.2UH								
20.01	1 .00 002 01	1112001011	0.20.								
	< TRANSIS	STOR >									
Q5400	8-729-119-78	TRANSISTOR 25	SC1740S-RT								
Q5401	8-729-119-78	TRANSISTOR 25	SC1740S-RT								
Q5402	8-729-119-78	TRANSISTOR 25	SC1740S-RT								
Q5403	8-729-119-78	TRANSISTOR 25	SC1740S-RT								
Q5404		TRANSISTOR 25									
Q5405	8-729-026-39	TRANSISTOR 25	SA933AS-RT								
Q5406	8-729-045-05	TRANSISTOR 25	SA2005								
Q5407	8-729-045-04	TRANSISTOR 25	SC5511								
Q5408	8-729-026-39	TRANSISTOR 25	SA933AS-RT								
Q5409	8-729-119-78	TRANSISTOR 25	SC1740S-RT								
	< RESISTO	OR >									
R5401	1-247-843-11	CARBON	3.3K 5%	1/4W							
R5402	1-249-413-11	CARBON	470 5%	1/4W							
R5403	1-249-393-11	CARBON	10 5%	1/4W							
R5404	1-249-420-11	CARBON	1.8K 5%	1/4W							
R5405	1-249-425-11	CARBON	4.7K 5%	1/4W							
DE 406	1 040 405 11	G1 DDAY	4 7	1 / 4**							
R5406	1-249-425-11		4.7K 5%	1/4W							
R5407	1-249-399-11		33 5%	1/4W							
R5408	1-247-807-31		100 5%	1/4W							
R5409	1-247-815-91		220 5%	1/4W							
R5410	1-249-401-11	CARBON	47 5%	1/4W							
R5411	1-249-401-11	CARBON	47 5%	1/4W							
R5412	1-249-429-11		10K 5%	1/4W							
R5413	1-249-414-11		560 5%	1/4W							
R5414	1-249-432-11		18K 5%	1/4W							
R5415	1-247-739-11		100 5%	1/2W							
		0.1.2011	200 00	-,							
R5416	1-249-389-11	CARBON	4.7 5%	1/4W							
R5417	1-249-432-11		18K 5%	1/4W							
R5418	1-249-414-11		560 5%	1/4W							
R5419	1-249-421-11		2.2K 5%	1/4W							
R5420	1-249-421-11		2.2K 5%	1/4W							
R5421	1-249-387-11		3.3 5%	1/4W							
R5422	1-249-405-11		100 5%	1/4W							
R5423	1-215-915-11		470 5%	3W							
R5425	1-535-303-00										
R5427	1-249-401-11	CARBON	47 5%	1/4W							
					Ī						

The components identified by shading and marked Δ are critical for safety Replace only with the part number

REMARK

						specified.	nly with the part
REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
					*4-205-228-01	INDIVIDUAL CARTON (F	(V-32FQ75)
MISCE	LLANEOUS				*4-205-235-01	CUSHION (UPPER) (ASS	SY) (KV-28FQ75)
,				-	*4-205-227-01	CUSHION (UPPER) (ASS	SY) (KV-32FQ75)
A	1-416-466-11	COIL DEMAGNETI	C (KV-28F075)		*4-205-234-01	CUSHION (LOWER) (ASS	SY) (KV-28FQ75)
		COIL DEMAGNETI	• •		*4-205-226-01	CUSHION (LOWER) (ASS	SY) (KV-32FQ75)
		MAGNET, DISK;					
		MAGNET, ROTATA		REMO	OTE COMMAN	NDER	
\wedge			SY, FLYBACK (NX-4522//U214)				
(<u> </u>	2 100 010 11		01) 12121011 (IIII 1011) (VIII)	_	1-418-572-21	REMOTE COMMANDER (R	(-893)
	1-542-436-11	SPEAKER (24x4.	2CM)			(,
		SPEAKER (8CM)	,				
		COIL, NA ROTAT	ION				
\triangle		SWITCH, PUSH (
		CORD, POWER (W					
		(KV-28F07	5A/28FQ75B/28FQ75D/28FQ75E				
1.			5A/32FQ75B/32FQ75D/32FQ75E)				
Δ	1-792-592-11	CORD, POWER (W	ITH PLUG) (KV-28FQ75U/32FQ75U)				
Δ	8-453-011-11	NECK ASSY, (NA	-299-M)				
	1-693-338-21	MAIN TUNER/VIF	(KV-28FQ75A/28FQ75D/28FQ75E				
			KV-32FQ75A/32FQ75D/32FQ75E)				
	1-693-340-21	MAIN TUNER/VIF	(KV-28FQ75B/32FQ75B)				
	1-693-339-21	MAIN TUNER/VIF	(KV-28FQ75U/32FQ75U)				
	1-693-338-21	SUB TUNER/VIF	(KV-28FQ75A/28FQ75D/28FQ75E				
			KV-32FQ75A/32FQ75D/32FQ75E)				
	1-693-340-21	SUB TUNER/VIF	(KV-28FQ75B/32FQ75B)	1			
	1-693-339-21	SUB TUNER/VIF	(KV-28FQ75U/32FQ75U)	, 1			

ACCESSORIES AND PACKAGING MATERIALS

*4-205-229-01 INDIVIDUAL CARTON (KV-28FQ75)

△ 1-251-807-22 CAP ASSY, HIGH VOLTAGE 1-542-437-11 TWEETER (2CM) 1-790-082-11 CABLE, RF *A-1620-128-A BL BOARD, COMPLETE

△ 8-737-786-05 PICTURE TUBE (W66LLX060X) (KV-28FQ75)

△ 8-735-054-05 PICTURE TUBE (W76LLX060X) (KV-32FQ75) △ 1-451-481-11 DEFLECTION YOKE (Y28RVC2) (KV-28FQ75) △ 1-451-480-11 DEFLECTION YOKE (Y32RVC2) (KV-32FQ75)

4-205-571-41	MANUAL, INSTRUCTION (KV-28FQ75A/32FQ75A) (ITALIAN)
4-205-563-51	MANUAL, INSTRUCTION (KV-28FQ75B/32FQ75B) (GERMAN/FRENCH/ENGLISH/ITALIAN/DUTCH)
4-205-563-11	MANUAL, INSTRUCTION (KV-28FQ75D/32FQ75D) (GERMAN/GREEK)
4-205-563-71	MANUAL, INSTRUCTION (KV-28FQ75E/32FQ75E) (DANISH/SPANISH/FINNISH/NORWEGIAN/PORTUGUESE/SWEDISH)
4-205-563-61	MANUAL, INSTRUCTION (KV-28FQ75U/32FQ75U) (ENGLISH)
*4-379-957-01 *4-029-168-01	BAG, PROTECTION (KV-28FQ75) BAG, PROTECTION (KV-32FQ75)

SONY

SERVICE MANUAL

AE-5A CHASSIS

MODEL	COMMANDER	DEST	CHASSIS NO.	MODEL	COMMANDER	DEST	CHASSIS NO.
KV-28FQ75	4 RM-893	ET	SCC-Q45B-A	KV-32FQ7	5A RM-893	ET	SCC-Q45C-A
KV-28FQ75	B RM-893	FR	SCC-Q44B-A	KV-32FQ7	5B RM-893	FR	SCC-Q44C-A
KV-28FQ75	RM-893	AEP	SCC-Q41E-A	KV-32FQ7	5D RM-893	AEP	SCC-Q41F-A
KV-28FQ75	RM-893	ESP	SCC-Q43C-A	KV-32FQ7	5E RM-893	ESP	SCC-Q43B-A
KV-28FQ75	RM-893	UK	SCC-Q46B-A	KV-32FQ7	'5U RM-893	UK	SCC-Q46A-A

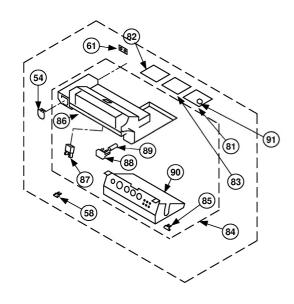
CORRECTION - 1

SUBJECT: CHANGES TO FRONT CONTROL ASSEMBLY

File this correction with the service manual

INTRODUCTION: Changes in the structure of the front control assembly.

SECTION 6-2. PICTURE TUBESee page 113



REF. NO.	PART.NO	DESCRIPTION	REMARK
51	X-4200-609-3	BEZNET ASSY (KV-28FQ75)	
	X-4200-576-2	BEZNET ASSY (KV-32FQ75)	
54	4-205-463-11	WINDOW, ORNAMENTAL	
58	4-202-555-01	SHAFT, DOOR	
61	4-205-464-11	GUIDE, LIGHT	
71	4-057-303-03	HOLDER, DGC (KV-28FQ75)	
	4-059-569-02	HOLDER, DGC (KV-32FQ75)	
72 △	1-251-317-63	CAP ASSY, HIGH-VOLTAGE	
81	*A-1624-085-A	F3 BOARD, COMPLETE	
82	*A-1646-210-A	H5 BOARD, COMPLETE	
83	*A-1646-211-A	H6 BOARD, COMPLETE	
84	*X-4200-632-2	BRACKET ASSY	85-90
85	3-022-410-31	DAMPER	
86	*4-205-460-11	BRACKET, CONTROL	
87	4-047-464-01	CATCHER, PUSH	
88	4-205-462-12	BUTTON, POWER	
89	4-202-964-11	SPRING	
90	*4-205-461-11	BRACKET DOOR	

Sony Corporation Sony UK Service Promotions Dept.